



# UNACCEPTABLE LIST CLEANING PRODUCTS

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
isoflucypram	N-(5-chloro-2-isopropylbenzyl)-N-cyclopropyl-3-(difluoromethyl)-5-fluoro-1-methyl-1H-pyrazole-4-carboxamide;	1255734-28-1	This ingredient is banned the European Union	X
(+/-)-2-(2,4-DICHLOROPHENYL)-3-(1H-1,2,4-TRIAZOL-1-YL)PROPYL-1,1,2,2-TETRAFLUOROETHYLETHER	(+/-) )2(2,4Dichlorophenyl)3(1H1,2,4triazol1yl)propyl1,1,2,2tetrafluoroethylethe r (Tetraconazole ISO)	112281773	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(±) TETRAHYDROFURFURYL (R)-2-[4-(6-CHLOROQUINOXALIN-2-YLOXY)PHENYLOXY]PROPIONATE	(+/-)Tetrahydrofurfuryl (R)2[4(6chloroquinoxalin2yloxy)phenyloxy]propionate (QuizalofopPtefuryl ISO)	119738066	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(±) TETRAHYDROFURFURYL (R)-2-[4-(6-CHLOROQUINOXALIN-2-YLOXY)PHENYLOXY]PROPIONATE	(+/-) tetrahydrofurfuryl (R)2[4(6chloroquinoxalin2yloxy)phenyloxy]propionate	119738066	Classified as 'suspected of causing genetic defects' (GHS H341).	
(±) TETRAHYDROFURFURYL (R)-2-[4-(6-CHLOROQUINOXALIN-2-YLOXY)PHENYLOXY]PROPIONATE	(+/-) tetrahydrofurfuryl (R)2[4(6chloroquinoxalin2yloxy)phenyloxy]propionate	119738066	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(1_4_4A_5_8_8A)-1,2,3,4,10-HEXACHLORO-1,4,4A,5,8,8A-HEXAHYDRO-1,4,5,8-DIMETHANONAPHHTHALENE	(1R,4S,5R,8S) 1,2,3,4,10,10Hexachloro1,4,4a,5,8,8ahexahydro1,4,5,8dimethanonaphthalene (IsodrinISO)	465736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(1_4_4A_5_8_8A)-1,2,3,4,10-HEXACHLORO-1,4,4A,5,8,8A-HEXAHYDRO-1,4,5,8-DIMETHANONAPHHTHALENE	isodrin	465736	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
(1_4_4A_5_8_8A)-1,2,3,4,10-HEXACHLORO-1,4,4A,5,8,8A-HEXAHYDRO-1,4,5,8-DIMETHANONAPHHTHALENE	isodrin	465736	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
(1,1'-BIPHENYL)-2,2'-DISULFONIC ACID, 4,4'-BIS(2-HYDROXY-1-NAPHTHALENYLAZO)-, DISODIUM SALT	Disodium 4,4'bis(2hydroxynaphthalen1ylazo)biphenyl2,6'disulphonate	10169025	Classified as 'may cause cancer' (GHS H350).	
(1,1'-BIPHENYL)-4,4'-DIOL, 3,3',5,5'-TETRACHLORO-	4,4'Dihydroxy3,3',5,5'tetrachlorobiphenyl	13049133	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
(1,2,4)TRIAZOLO(1,5-A)PYRIMIDINE-2-SULFONAMIDE, N-(2,6-DIFLUOROPHENYL)-5-METHYL-	N(2,6difluorophenyl)5methyl(1,2,4)triazolo[1,5a]pyrimidine2sulfonamide	98967409	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(1S,3S,5R,6R)-(4-NITROPHENYLMETHYL)-1-DIOXO-6-PHENYLACETAMIDO-PENAM-3-CARBOXYLATE	(1S,3S,5R,6R)(4nitrophenylmethyl)1dioxo6phenylacetamidopenam3carboxylate	54275933	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
(2-ethylhexyl)(hydrogenated tallow alkyl)dimethyl, Me sulfates	(2Ethylhexyl)(Hydrogenated Tallow Alkyl)dimethyl, Me Sulfates	308074319	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
(3-CHLOROPHENYL)-(4-METHOXY-3-NITROPHENYL)METHANONE	(3 Chlorophenyl)(4methoxy3nitrophenyl)methanone	66938418	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(4-(1-METHYLETHYL)PHENYL)-(4-METHYLPHENYL)IODONIUM TETRAKIS(PENTAFLUOROPHENYL)BORATE (1-)	(4(1methylethyl)phenyl)(4methylphenyl)iodonium tetrakis(pentafluorophenyl)borate (1)	178233722	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(4-HYDRAZINOPHENYL)-N-METHYLMETHANESULFONAMIDE HYDROCHLORIDE	(4 Hydrazinophenyl)Nmethylnmethanesulfonamide hydrochloride	81880968	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(6-(4-HYDROXY-3-(2-METHOXYPHENYL)AZO)-2-SULFONATO-7-NAPHTHYLAMINO)-1,3,5-TRIAZIN-2,4-DIYL)BIS[(AMINO-1-METHYLETHYL)AMMONIUM] FORMATE	(6(4Hydroxy3(2methoxyphenylazo)2sulfonato7naphthylamino)1,3,5triazine2,4diyl)bis[(amino1methylethyl)ammonium] formate	108225032	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(6-(4-HYDROXY-3-(2-METHOXYPHENYL)AZO)-2-SULFONATO-7-NAPHTHYLAMINO)-1,3,5-TRIAZIN-2,4-DIYL)BIS[(AMINO-1-METHYLETHYL)AMMONIUM] FORMATE	(6(4hydroxy3(2methoxyphenylazo)2sulfonato7naphthylamino)1,3,5triazine2,4diyl)bis[(amino1methylethyl)ammonium] formate	108225032	Classified as 'may cause cancer' (GHS H350).	
(6-ALPHA)-PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-	Medroxyprogesterone acetate	71589	California Proposition 65 listed for developmental	
(6-ALPHA)-PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-	Medroxyprogesterone acetate	71589	California Proposition 65 listed for cancer	
(6-ALPHA)-PREGN-4-ENE-3,20-DIONE, 17-(ACETYLOXY)-6-METHYL-	Medroxyprogesterone acetate	71589	Possibly carcinogenic to humans' IARC (Category 2B, Volume 21, Sup 7 1987)	
(R)-_PHENYLETHYLAMMONIUM (-)-(1R,2S)-(1,2-EPOXYPROPYL)PHOSPHONATE MONOHYDRATE	(R) alphaPhenylethylammonium ((1R,2S)(1,2epoxypropyl)phosphonate monohydrate	25383077	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(R)-5-BROMO-3-(1-METHYL-2-PYRROLIDINYL METHYL)-1H-INDOLE	(R) 5Bromo3(1methyl2pyrrolidinylmethyl)1Hindole	143322570	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(R)-5-BROMO-3-(1-METHYL-2-PYRROLIDINYL METHYL)-1H-INDOLE	(R)5bromo3(1methyl2pyrrolidinyl methyl)1Hindole	143322570	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(S,S)-TRANS-4-(ACETYLAMINO)-5,6-DIHYDRO-6-METHYL-7,7-DIOXO-4H-THIENQ[2,3-B]THIOPYRAN-2-SULFONAMIDE	(S,S)trans4(acetylamino)5,6dihydro6methyl7,7dioxo4Hthieno[2,3b]thiopyran2sulfonamide	120298386	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(S)-2,3-DIHYDRO-1H-INDOLE-2-CARBOXYLIC ACID	(S) 2,3Dihydro1Hindolecarboxylic acid	79815206	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
(Z)-13-DOCOSENYL-N,N-BIS(2-HYDROXYETHYL)-N-METHYL-AMMONIUM-CHLORIDE	(Z)13docosenylN,Nbis(2hydroxyethyl)Nmethylnammonium chloride	120086580	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
(Z)-13-DOCOSENYL-N,N-BIS(2-HYDROXYETHYL)-N-METHYL-AMMONIUM-CHLORIDE	(Z)13docosenylN,Nbis(2hydroxyethyl)Nmethylnammonium chloride	120086580	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
(Z)-2-hydroxy-3-[(1-oxo-9-octadecenyloxy)propyl]trimethylammonium chloride	(z)2Hydroxy3[(1Oxo9Octadecenyloxy)propyl]trimethylammonium Chloride	19467380	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1-(1-NAPHTHYLMETHYL)QUINOLINIUM CHLORIDE	1 (1Naphthylmethyl)quinolinium chloride	65322658	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-(1-NAPHTHYLMETHYL)QUINOLINIUM CHLORIDE	1(1naphthylmethyl)quinolinium chloride	65322658	Classified as 'suspected of causing cancer' (GHS H351).	
1-(1-NAPHTHYLMETHYL)QUINOLINIUM CHLORIDE	1(1naphthylmethyl)quinolinium chloride	65322658	Classified as 'suspected of causing genetic defects' (GHS H341).	
1-(1,4-BENZODIOXAN-2-YLCARBONYL)PIPERAZINE HYDROCHLORIDE	1(1,4benzodioxan2ylcarbonyl)piperazine hydrochloride	70918740	Classified as 'toxic in contact with skin' (GHS H311).	
1-(1,4-BENZODIOXAN-2-YLCARBONYL)PIPERAZINE HYDROCHLORIDE	1(1,4benzodioxan2ylcarbonyl)piperazine hydrochloride	70918740	Classified as 'toxic if inhaled' (GHS H331).	
1-(4-CHLOROPHENYL)-4,4-DIMETHYL-3-(1,2,4-TRIAZOL-1-YLMETHYL)PENTAN-3-OL	1 (4Chlorophenyl)4,4dimethyl3(1,2,4triazol1ylmethyl)pentan3ol	107534963	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-(4-CHLOROPHENYL)-4,4-DIMETHYL-3-(1,2,4-TRIAZOL-1-YLMETHYL)PENTAN-3-OL	1(4chlorophenyl)4,4dimethyl3(1,2,4triazol1ylmethyl)pentan3ol	107534963	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-ADAMANTANAMINE, HYDROCHLORIDE	Amantadine hydrochloride	665667	California Proposition 65 listed for developmental	
1-ADAMANTANAMINE, HYDROCHLORIDE	Amantadine hydrochloride	665667	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-ADAMANTANAMINE, HYDROCHLORIDE	Amantadine hydrochloride	665667	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-ADAMANTANAMINE, HYDROCHLORIDE	Amantadine hydrochloride	665667	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1-ADAMANTANAMINE, N,N-DIMETHYL-	N,Ndimethyladamantan1amine	3717406	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-ADAMANTANAMINE, N,N-DIMETHYL-	N,Ndimethyladamantan1amine	3717406	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE	Hyoscine hydrobromide	114498; 6533682	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE	Hyoscine hydrobromide	114498; 6533682	Classified as 'fatal in contact with skin' (GHS H310).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE	Hyoscine hydrobromide	114498; 6533682	Classified as 'fatal if inhaled' (GHS H330).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE,	Hyoscine hydrobromide	114498; 6533682	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE,	Hyoscine hydrobromide	114498; 6533682	Classified as 'fatal in contact with skin' (GHS H310).	
1-ALPHA-H,5-ALPHA-H-TROPAN-3-ALPHA-OL, 6-BETA,7-BETA-EPOXY-, (-)-TROPATE (ESTER),HYDROBROMIDE,	Hyoscine hydrobromide	114498; 6533682	Classified as 'fatal if inhaled' (GHS H330).	
1-ALPHA-H,5-ALPHA-H-TROPAN-2-BETA-CARBOXYLIC ACID, 3-BETA-HYDROXY-, METHYL ESTER, BENZOATE	Cocaine	50362	California Proposition 65 listed for developmental, female	
1-ALPHA-H,5-ALPHA-H-TROPANE, 3-ALPHA-(DIPHENYLMETHOXY)-	Benztropine (INN) and its salts	86135	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-ALPHA-H,5-ALPHA-H-TROPANE, 3-ALPHA-(DIPHENYLMETHOXY)-	Benztropine and its salts	86135	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-ALPHA-H,5-ALPHA-H-TROPANUM, 6-BETA,7-BETA-EPOXY-3-ALPHA-HYDROXY-8-METHYL-, BROMIDE,(-)	Nmethylhyoscinium bromide	155419	Classified as 'fatal in contact with skin' (GHS H310).	
1-ALPHA-H,5-ALPHA-H-TROPANUM, 6-BETA,7-BETA-EPOXY-3-ALPHA-HYDROXY-8-METHYL-, BROMIDE,(-)	Nmethylhyoscinium bromide	155419	Classified as 'fatal if inhaled' (GHS H330).	
1-AZIRIDINEPROPANOIC ACID, 2-METHYL-, 2-ETHYL-2-((3-(2-METHYL-1-AZIRIDINYL)-1-OXOPROPYL)	Polyfunctional aziridine	64265572	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
1-AZIRIDINEPROPANOIC ACID, 2-METHYL-, 2-ETHYL-2-((3-(2-METHYL-1-AZIRIDINYL)-1-OXOPROPYL)	Polyfunctional aziridine	64265572	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
1-BROMO-3,4,5-TRIFLUOROBENZENE	1 Bromo3,4,5trifluorobenzene	138526699	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-BROMO-3,4,5-TRIFLUOROBENZENE	1bromo3,4,5trifluorobenzene	138526699	Classified as 'suspected of causing cancer' (GHS H351).	
1-BROMO-3,5-DIFLUOROBENZENE	1bromo3,5difluorobenzene	461961	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-BROMO-9-(4,4,5,5,5-PENTAFLUOROPENTYLTHIO)NONANE	1bromo9(4,4,5,5,5pentafluoropentylthio)nonane	148757895	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-BROMOPROPANE	1 Bromopropane; nPropyl bromide	106945	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-BROMOPROPANE	1Bromopropane	106945	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1-BROMOPROPANE	1Bromopropane	106945	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1-BROMOPROPANE	1Bromopropane	106945	Possibly carcinogenic to humans' IARC (Category 2B, Volume 115 2018 )	
1-BROMOPROPANE	1Bromopropane (1BP)	106945	California Proposition 65 listed for developmental, female, male	
1-BROMOPROPANE	1Bromopropane (1BP)	106945	California Proposition 65 listed for cancer	
1-BROMOPROPANE	1Bromopropane	106945	Listed as an IARC Group 2B Carcinogen	
1-BROMOPROPANE	1Bromopropane (1BP)	106945	California Prop65 Chemical (cancer)	
1-BROMOPROPANE	1Bromopropane	106945	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1-BUTANAMINE, N-BUTYL-N-NITROSO-	<n>/>Nitrosodi<n</>/>butylamine	924163	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	1(4H)Naphthalenone, 8aminodibromo5hydroxy4imino; 1(4H)Naphthalenone, 8aminodibromo5hydroxy4imino; Disperse Blue 20; DBN; 1(4H)Naphthalenone, 8aminodibromo5hydroxy4imino; C.I. Disperse Blue 20	1222741	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	NNitrosodinbutylamine	924163	EPA IRIS 'probable carcinogen'.	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	NNitrosodinbutylamine	924163	California Proposition 65 listed for cancer	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	NNitrosodinbutylamine	924163	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-BUTANAMINE, N-BUTYL-N-NITROSO-	NNitrosodinbutylamine	924163	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1-BUTANAMINE, N,N-DIMETHYL-	N,Ndimethylbutylamine	927628	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-BUTANAMINE, N,N-DIMETHYL-	N,Ndimethylbutylamine	927628	Classified as 'fatal if inhaled' (GHS H330).	
1-BUTANESULFONIC ACID, 1,1,2,2,3,3,4,4,4-NONAFLUORO-	1,1,2,2,3,3,4,4,4nonafluorobutane1sulphonic acid	375735	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-BUTANOL, 3-METHOXY-, ACETATE	3Methoxybutyl acetate	4435534	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1-BUTANONE, 4-(4-(4-CHLOROPHENYL)-4-HYDROXY-1-PIPERIDINYL)-1-(4-FLUOROPHENYL)-, HYDROCHLORIDE	4[4(4chlorophenyl)4hydroxypiperidinyl]1(4fluorophenyl)butanone hydrochloride	1511166	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-BUTENE, 3,4-DICHLORO-	3,4dichlorobut1ene	760236	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-BUTYN-3-OL	But3yn2ol	2028639	Classified as 'fatal in contact with skin' (GHS H310).	
1-BUTYN-3-OL	But3yn2ol	2028639	Classified as 'fatal if inhaled' (GHS H330).	
1-CHLORO-2,3-EPOXYPROPANE	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'may cause cancer' (GHS H350).	
1-CHLORO-2,3-EPOXYPROPANE	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'toxic in contact with skin' (GHS H311).	
1-CHLORO-2,3-EPOXYPROPANE	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-CHLORO-2,3-EPOXYPROPANE	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'fatal if inhaled' (GHS H330).	
1-CHLORO-2,3-EPOXYPROPANE	1 Chloro2,3epoxypropane (Epichlorohydrin)	106898	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'may cause cancer' (GHS H350).	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'toxic in contact with skin' (GHS H311).	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'fatal if inhaled' (GHS H330).	
1-CHLORO-2,3-EPOXYPROPANE	1chloro2,3epoxypropane	106898	Classified as 'toxic if inhaled' (GHS H331).	
1-CHLORO-2,3-EPOXYPROPANE	2(chloromethyl)oxirane; propane1,2,3triol	25038044	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	California Proposition 65 listed for cancer	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	California Proposition 65 listed for male	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	EPA IRIS 'probable carcinogen'.	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	Probably carcinogenic to humans' IARC (Category 2A, Volume 11, Sup 7, 71 1999)	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin (1chloro2,3epoxypropane)	106898	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1-CHLORO-2,3-EPOXYPROPANE	Epichlorohydrin	106898	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1-CHLORO-4-NITROBENZENE	1 Chloro4nitrobenzene	100005	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-CHLORO-4-NITROBENZENE	1chloro4nitrobenzene	100005	California Proposition 65 listed for cancer	
1-CHLORO-4-NITROBENZENE	1chloro4nitrobenzene	100005	Classified as 'suspected of causing genetic defects' (GHS H341).	
1-CHLORO-4-NITROBENZENE	1chloro4nitrobenzene	100005	Classified as 'suspected of causing cancer' (GHS H351).	
1-CHLORO-4-NITROBENZENE	1chloro4nitrobenzene	100005	Classified as 'toxic in contact with skin' (GHS H311).	
1-CHLORO-4-NITROBENZENE	1chloro4nitrobenzene	100005	Classified as 'toxic if inhaled' (GHS H331).	
1-CHLORO-4-NITROBENZENE	4Chloronitrobenzene	100005	Listed as an IARC Group 2B Carcinogen	
1-CHLORO-N,N-DIETHYL-1,1-DIPHENYL-1-(PHENYLMETHYL)PHOSPHORAMINE	1chloroN,Ndiethyl1,1diphenyl1(phenylmethyl)phosphoramine	82857689	Classified as 'fatal if inhaled' (GHS H330).	
1-CYCLOHEXENE, 4-VINYL-	4Vinylcyclohexene	100403	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1-CYCLOHEXENE, 4-VINYL-	4Vinylcyclohexene	100403	Classified as 'suspected of causing cancer' (GHS H351).	
1-CYCLOHEXENE, 4-VINYL-	4Vinylcyclohexene	100403	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-CYCLOHEXENE, 4-VINYL-	4Vinylcyclohexene	100403	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 60 1994)	
1-CYCLOHEXENE, 4-VINYL-	4Vinylcyclohexene	100403	California Proposition 65 listed for female, male	
1-DODECANETHIOL	Dodecane1thiol	112550	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-DODECANETHIOL	Dodecane1thiol	112550	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1-DODECANETHIOL	Dodecane1thiol	112550	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-DODECEN	Dodec1ene	112414	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-ETHOXYPROPAN-2-OL	1ethoxypropan2ol	1569024	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1-ETHYL-1-METHYLMORPHOLINIUM BROMIDE	1 Ethyl1methylmorpholinium bromide	65756414	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-ETHYL-1-METHYLMORPHOLINIUM BROMIDE	1ethyl1methylmorpholinium bromide	65756414	Classified as 'suspected of causing genetic defects' (GHS H341).	
1-ETHYL-1-METHYLPYRROLIDIUM BROMIDE	1 Ethyl1methylpyrrolidinium bromide	69227516	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-ETHYL-1-METHYLPYRROLIDIUM BROMIDE	1ethyl1methylpyrrolidinium bromide	69227516	Classified as 'suspected of causing genetic defects' (GHS H341).	
1-Hexyn-3-ol, 3,5-dimethyl-	3,5dimethylhex1yn3ol	107540	Classified as 'toxic in contact with skin' (GHS H311).	
1-Hexyn-3-ol, 3,5-dimethyl-	3,5dimethylhex1yn3ol	107540	Classified as 'toxic if inhaled' (GHS H331).	
1-METHOXY-2-PROPYLAMINE	1methoxy2propanamine; 1Methoxy2propylamine; Reaction mass of (R)(1)methoxy2propylamine and (S)(+1)methoxy2propylamine; 2Propanamine, 1methoxy; 1methoxy2propylamine	37143547	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-METHOXY-2-PROPYLAMINE	1methoxy2propylamine	37143547	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-METHYL-3-NITRO-1-NITROSOGUANIDINE	<N>Methyl</N> nitro</N>nitrosoguanidine (MNNG)	70257	Probably carcinogenic to humans' IARC (Category 2A, Volume 4, Sup 7 1987)	
1-METHYL-3-NITRO-1-NITROSOGUANIDINE	1 Methyl3nitro1nitrosoguanidine	70257	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-METHYL-3-NITRO-1-NITROSOGUANIDINE	NMethylN'nitroNnitrosoguanidine	70257	California Proposition 65 listed for cancer	
1-METHYL-3-NITRO-1-NITROSOGUANIDINE	NMethylN'nitroNnitrosoguanidine	70257	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1-METHYL-3-NITRO-1-NITROSOGUANIDINE	NMethylN'nitroNnitrosoguanidine	70257	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1-METHYLIMIDAZOLE	1methylimidazole	616477	Classified as 'toxic in contact with skin' (GHS H311).	
1-METHYLIMIDAZOLE	1methylimidazole	616477	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-NAPHTHALDEHYDE, 2-HYDROXY-	2hydroxy1naphthaldehyde	708065	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-NAPHTHALENAMINE, 4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-N-METHYL-, HYDROCHLORIDE,(1S-CIS)	(1Scis)4(3,4dichlorophenyl)1,2,3,4tetrahydroNmethyl1naphthalenamine 2hydroxy2phenylacetate	79559970; 79617973	Classified as 'suspected of causing cancer' (GHS H351).	
1-NAPHTHALENAMINE, 4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-N-METHYL-, HYDROCHLORIDE,(1S-CIS)	(1Scis)4(3,4dichlorophenyl)1,2,3,4tetrahydroNmethyl1naphthalenamine 2hydroxy2phenylacetate	79559970; 79617973	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-NAPHTHALENEHEPTANOIC ACID, 1,2,6,7,8,8A-HEXAHYDRO-2-METHYL-8-(2-METHYL-1-OXOBUTOXY)-BETA,	Pravastatin sodium	81131706	California Proposition 65 listed for developmental	
1-NAPHTHALENEMETHANAMINE, N-(6,6-DIMETHYL-2-HEPTEN-4-YNYL)-N-METHYL-, (E)-	[(2E)6,6dimethylhept2en4yn1yl](methyl)(naphthalen1ylmethyl)amine	91161716	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-NAPHTHALENESULFONIC ACID, 3-HYDROXY-4-((2-HYDROXY-1-NAPHTHALENYL)AZO)-7-NITRO-	3 Hydroxy4[(2hydroxynaphthyl)azo]7nitronaphthalene1sulphonic acid and its salts, when used as a substance in hair dye products	16279542; 5610640	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-NAPHTHALENESULFONIC ACID, 3,3'-(4,4'-BIPHENYLENEBIS(AZO))BIS(4-AMINO-, DISODIUM SALT	Disodium 3,3' [[1,1'biphenyl]4,4'diylbis(azo)] bis(4aminonaphthalene1 sulphonate)	573580	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-NAPHTHALENESULFONIC ACID, 4-AMINO-	4aminonaphthalene1sulphonic acid	84866	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-NAPHTHALENESULFONIC ACID, 4-HYDROXY-3-((4'-(1-HYDROXY-5-SULFO-2-NAPHTHALENYL)AZO)-3,3'-	1Naphthalenesulfonic acid, 4hydroxy3[[4'[(1hydroxy5sulfo2naphthalenyl)azo]3,3'dimethyl]1,1'biphenyl]4yl]azo], disodium salt	6420060	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
1-NAPHTHALENESULFONIC ACID, 5-AMINO-	5aminonaphthalene1sulphonic acid	84899	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-NAPHTHOL	1Naphthol	90153	Classified as 'toxic in contact with skin' (GHS H311).	
1-NAPHTHYLAMINE	1 and 2Naphthylamines and their salts	91598; 134327	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1-NAPHTHYLAMINE	1 and 2Naphthylamines and their salts	134327;91598	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-NAPHTHYLAMINE	1naphthylamine	134327	California Proposition 65 listed for cancer	
1-NAPHTHYLAMINE	1naphthylamine	134327	Classified as 'fatal in contact with skin' (GHS H310).	
1-NAPHTHYLAMINE	1naphthylamine	134327	Classified as 'toxic in contact with skin' (GHS H311).	
1-NAPHTHYLAMINE, N-PHENYL-	N1naphthylaniine	90302	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
1-NITROPROPANE	1nitropropane	108032	Classified as 'toxic if inhaled' (GHS H331).	
1-OCTADECANAMINIUM, N,N-DIMETHYL-N-(3-(TRIMETHOXSILYL)PROPYL)-, CHLORIDE	Dimethyloctadecyl[3(trimethoxysilyl)propyl]ammonium chloride	27668526	Classified as 'may cause cancer' (GHS H350).	
1-OCTADECANAMINIUM, N,N-DIMETHYL-N-(3-(TRIMETHOXSILYL)PROPYL)-, CHLORIDE	Dimethyloctadecyl[3(trimethoxysilyl)propyl]ammonium chloride	27668526	Classified as 'suspected of causing cancer' (GHS H351).	
1-OCTADECANAMINIUM, N,N-DIMETHYL-N-(3-(TRIMETHOXSILYL)PROPYL)-, CHLORIDE	Dimethyloctadecyl[3(trimethoxysilyl)propyl]ammonium chloride	27668526	Classified as 'toxic in contact with skin' (GHS H311).	
1-OCTADECANAMINIUM, N,N-DIMETHYL-N-(3-(TRIMETHOXSILYL)PROPYL)-, CHLORIDE	Dimethyloctadecyl[3(trimethoxysilyl)propyl]ammonium chloride	27668526	Classified as 'toxic if inhaled' (GHS H331).	
1-OCTADECANAMINIUM, N,N-DIMETHYL-N-(3-(TRIMETHOXSILYL)PROPYL)-, CHLORIDE	Dimethyloctadecyl[3(trimethoxysilyl)propyl]ammonium chloride	27668526	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
1-OCTANAMINE	Octylamine	111864	Classified as 'toxic in contact with skin' (GHS H311).	
1-OCTANAMINE	Octylamine	111864	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-OCTANAMINE, N,N-DIMETHYL-	Dimethyl(octyl)amine	7378996	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-OCTANESULFONIC ACID, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Perfluorooctane sulfonate (PFOS)	1763231	California Proposition 65 listed for developmental	
1-OCTANESULFONIC ACID, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Perfluorooctane sulfonate (PFOS)	1763231	California Prop65 Chemical (developmental)	
1-OCTANESULFONIC ACID, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	1-OCTANESULFONIC ACID, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	1763231	California Proposition 65 listed for developmental	
1-OCTANESULFONYL FLUORIDE, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Heptadecafluorooctanesulphonyl fluoride	307357	Classified as 'may damage fertility or the unborn child' (GHS H360).	
1-OCTANESULFONYL FLUORIDE, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Heptadecafluorooctanesulphonyl fluoride	307357	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-OCTANESULFONYL FLUORIDE, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Heptadecafluorooctanesulphonyl fluoride	307357	Classified as 'toxic if inhaled' (GHS H331).	
1-OCTANESULFONYL FLUORIDE, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-HEPTADEC AFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
1-OCTYLAZEPIN-2-ONE	1octylazepin2one	59227882	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-OXA-3,8-DIAZASPIRO(4.5)DECAN-2-ONE, 8-PHENETHYL-	Fenspiride	50530605	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1-OXA-6-AZACYCLOPENTADECAN-15-ONE, 13-((2,6-DIDEOXY-3-C-METHYL-3-O-METHYL-ALPHA-L-RIBO-	(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)11[(2S,3R,4S,6R); (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)13[(2,6Dideoxy3Cmethyl3Omethyl_L ribohexopyranosyl)oxy]2ethyl3,4,10trihydroxy3,5,6,8,10,12,14heptamethyl 11[[3,4,6trideoxy3(dimethylamin	83905015	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1-OXA-6-AZACYCLOPENTADECAN-15-ONE, 13-((2,6-DIDEOXY-3-C-METHYL-3-O-METHYL-ALPHA-L-RIBO-	(2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)11[(2S,3R,4S,6R); (2R,3S,4R,5R,8R,10R,11R,12S,13S,14R)13[(2,6Dideoxy3Cmethyl3Omethyl_L ribohexopyranosyl)oxy]2ethyl3,4,10trihydroxy3,5,6,8,10,12,14heptamethyl 11[[3,4,6trideoxy3(dimethylamin	83905015	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
1-PENTANONE, 5-METHOXY-1-(4-(TRIFLUOROMETHYL)PHENYL)-, O-(2-AMINOETHYL)OXIME, (E)-	(E)(2aminoethoxy)((5methoxy1[4(trifluoromethyl)phenyl]pentylidene)amin	54739183	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
1-PENTEN-3-ONE, 1-(P-METHOXYPHENYL)-	1 (4Methoxyphenyl)1pentene3one (alphaMethylanisylideneacetone), when used as a fragrance ingredient	104278	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-PENTEN-3-ONE, 1-(P-METHOXYPHENYL)-	alphaMethyl anisylidene acetone (1(4Methoxyphenyl)1penten3one)	104278	Prohibited by the International Fragrance Association for use in fragrance.	
1-PENTEN-3-ONE, 1-(P-METHOXYPHENYL)-	alphaMethylanisalacetone	104278	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-PENTEN-4-YN-3-OL, 3-METHYL-	3methylpent1en4yn3ol	3230691	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PENTENE	Pent1ene	109671	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1-PIPERAZINEETHANOL, 4-(3-(5H-DIBENZ(B,F)AZEPIN-5-YL)PROPYL)-	Opipramol	315720	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
1-PIPERIDINEETHANOL	2piperidinoethanol	3040446	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANAMINE, 2-METHYL-N-(2-METHYLPROPYL)-	Diisobutylamine	110963	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANAMINE, 2-METHYL-N-(2-METHYLPROPYL)-	Diisobutylamine	110963	Classified as 'toxic if inhaled' (GHS H331).	
1-PROPANAMINE, 3,3'-(1,4-BUTANEDIYLBIS(OXY))BIS-	3,3'[[butane1,4diylbis(oxy)]bispropanamine	7300347	Classified as 'toxic in contact with skin' (GHS H311).	
1-PROPANAMINE, 3,3'-(1,4-BUTANEDIYLBIS(OXY))BIS-	3,3'[[butane1,4diylbis(oxy)]bispropanamine	7300347	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANAMINE, 3,3'-(1,4-BUTANEDIYLBIS(OXY))BIS-	3,3'[[butane1,4diylbis(oxy)]bispropanamine	7300347	Classified as 'fatal if inhaled' (GHS H330).	
1-PROPANAMINE, N,N-DIPROPYL-	TRIPROPYLAMINE	102692	Classified as 'toxic in contact with skin' (GHS H311).	
1-PROPANAMINE, N,N-DIPROPYL-	TRIPROPYLAMINE	102692	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANOL, 2,2-DIMETHYL-, TRIBROMO DERIV.	2,2dimethylpropan1ol, tribromo derivative	36483575	Classified as 'suspected of causing genetic defects' (GHS H341).	
1-PROPANOL, 2,2-DIMETHYL-, TRIBROMO DERIV.	2,2dimethylpropan1ol, tribromo derivative	36483575	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1-PROPANOL, 2,2-DIMETHYL-, TRIBROMO DERIV.	2,2dimethylpropan1ol, tribromo derivative	36483575	Classified as 'may cause genetic defects' (GHS H340).	
1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)	Tris(2,3dibromopropyl) phosphate	126727	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)	Tris(2,3dibromopropyl) phosphate	126727	Probably carcinogenic to humans' IARC (Category 2A, Volume 20, Sup 7, 71 1999)	
1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)	Tris(2,3dibromopropyl)phosphate	126727	California Proposition 65 listed for cancer	
1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)	Tris(2,3dibromopropyl) phosphate	126727	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1-PROPANOL, 3-(DIMETHYLAMINO)-	3dimethylaminopropan1ol	3179633	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANOL, 3-CHLORO-	3chloropropan1ol	627305	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-PROPANOL, 3-CHLORO-	3chloropropan1ol	627305	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1-PROPANOL, 3-PHENYL-, CARBAMATE	Phenprobamate	673314	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-PROPANOL, 3-PHENYL-, CARBAMATE	Phenprobamate (INN)	673314	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDYL-	Metryprone	54364	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1-PROPANONE, 2-METHYL-1,2-DI-3-PYRIDYL-	Metryprone (INN)	54364	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-TETRADECANAMINE	Tetradecylamine	2016424	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1-VINYL-2-PYRROLIDONE	1 Vinyl2pyrrolidone	88120	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1-VINYL-2-PYRROLIDONE	1vinyl2pyrrolidone	88120	Classified as 'suspected of causing cancer' (GHS H351).	
1,1-DICHLOROETHANE	1,1dichloroethane	75343	California Proposition 65 listed for cancer	
1,1-DICHLOROETHANE	1,1dichloroethane	75343	EPA IRIS 'possible carcinogen'.	
1,1-DICHLOROETHYLENE	1,1Dichloroethylene (1,1DCE)	75354	EPA IRIS 'possible carcinogen'.	
1,1-DICHLOROETHYLENE	1,1Dichloroethylene (1,1DCE)	75354	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
1,1-DICHLOROETHYLENE	Dichloroethylenes	25323302; 540590; 75354; 156592; 156605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,1-DICHLOROETHYLENE	Dichloroethylenes (acetylene chlorides) e.g. Vinylidene chloride (1,1 Dichloroethylene)	75354	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,1-DICHLOROETHYLENE	Vinylidene chloride	75354	Possibly carcinogenic to humans' IARC (Category 2B, Volume 39, Sup 7, 71, 119 In prep.)	
1,1-DICHLOROETHYLENE	Vinylidene chloride (1,1Dichloroethylene)	75354	California Proposition 65 listed for cancer	
1,1-DICHLOROETHYLENE	Vinylidene chloride	75354	Listed as an IARC Group 2B Carcinogen	
1,1-DICHLOROETHYLENE	Vinylidene chloride (1,1Dichloroethylene)	75354	California Prop65 Chemical (cancer)	
1,1-ETHENEDIAMINE, N-(2-((5-((DIMETHYLAMINO)METHYL)-2-FURANYL)METHYL)THIO)ETHYL)-N'-METHYL-2-	Ranitidine	66357355	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,1,2-TRICHLOROETHANE	1,1,2 Trichloroethane	79005	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,1,2-TRICHLOROETHANE	1,1,2trichloroethane	79005	EPA IRIS 'possible carcinogen'.	
1,1,2-TRICHLOROETHANE	1,1,2trichloroethane	79005	Classified as 'suspected of causing cancer' (GHS H351).	
1,1,2-TRICHLOROETHANE	1,1,2trichloroethane	79005	Classified as 'toxic if inhaled' (GHS H331).	
1,1,2-TRICHLOROETHANE	Vinyl trichloride (1,1,2Trichloroethane)	79005	California Proposition 65 listed for cancer	
1,1,2,2-TETRACHLOROETHANE	1,1,2,2tetrachloroethane	79345	California Proposition 65 listed for cancer	
1,1,2,2-TETRACHLOROETHANE	1,1,2,2tetrachloroethane	79345	EPA IRIS 'likely carcinogenic'.	
1,1,2,2-TETRACHLOROETHANE	1,1,2,2tetrachloroethane	79345	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7, 71, 106 2014)	
1,1,2,2-TETRACHLOROETHANE	1,1,2,2tetrachloroethane	79345	Listed as an IARC Group 2B Carcinogen	
1,1'-BIPHENYL, 2,2',3,3',4,4'-HEXACHLORO-	PCB 128 (2,2',3,3',4,4'Hexachlorobiphenyl)	38380073	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,2',3,3',4,4',5,5',6,6'-DECABROMO-	Decabromobiphenyl (under Polybrominated Biphenyls)	13654096	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,1'-BIPHENYL, 2,2',3,3',4,4',5,5',6,6'-DECABROMO-	DECABROMOBIPHENYL	13654096	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,1'-BIPHENYL, 2,2',4,4'-TETRACHLORO-	PCB 47 (2,2',4,4'Tetrachlorobiphenyl)	2437798	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,2',4,4',5,5'-HEXACHLORO-	PCB 153 (2,2',4,4',5,5'Hexachlorobiphenyl)	35065271	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,1'-BIPHENYL, 2,2',5'-TRICHLORO-	PCB 18 (2,2',5Trichlorobiphenyl)	37680652	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,2',5,5'-TETRACHLORO-	PCB 52 (2,2',5,5'Tetrachlorobiphenyl)	35693993	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,3,4'-TRICHLORO-	PCB 21 (2,3,4Trichlorobiphenyl)	55702460	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,3',4,4',5'-PENTACHLORO-	PCB 118 (2,3',4,4',5pentachlorobiphenyl)	31508006	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 2,4,4'-TRICHLORO-	PCB 28 (2,4,4'trichlorobiphenyl)	7012375	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 3,3',4,4',5'-PENTACHLORO-	3,4,5,3',4'Pentachlorobiphenyl (PCB126)	57465288	Carcinogenic to humans' IARC (Category 1, Volume 100F 2012)	
1,1'-BIPHENYL, 3,4,5'-TRICHLORO-	3,4',5trichlorobiphenyl	53555661	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,1'-BIPHENYL, 4,4'-DIISOCYANATO-3,3'-DIMETHYL-	3,3'dimethylbiphenyl4,4'diyl diisocyanate	91974	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,1'-BIPHENYL, 4,4'-DIISOCYANATO-3,3'-DIMETHYL-	3,3'dimethylbiphenyl4,4'diyl diisocyanate	91974	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,10-DECANEDIAMINE	Decamethylenediamine	646253	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,12-DODECANEDIAMINE	Dodecamethylenediamine	2783177	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,2-BENZENEDICARBONITRILE, 3-NITRO-	3nitrobenzene1,2dicarbonitrile	51762675	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,2-BENZENEDICARBOXYLIC ACID DIPENTYL ESTER, BRANCHED AND LINEAR	1,2 Benzenedicarboxylic acid, dipentylester, branched and linear [1]; nPentylisopentylphthalate [2]; dinPentyl phthalate [3]; Diisopentylphthalate [4]	84777060;; 131180; 605505	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-BENZENEDICARBOXYLIC ACID, BIS(2-PROPYLHEPTYL) ESTER	Di(2Propylheptyl) Phthalate	53306540	Phthalates are endocrinedisrupting chemicals.	
1,2-BENZENEDICARBOXYLIC ACID, DIISONONYL ESTER	Diisononyl phthalate (DINP)	28553120	California Prop65 Chemical (cancer)	
1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, (+)-, (R-(R*,R*)))-2,3-DIHYDROXYBUTANEDIOATE	(±) <sub>3,4</sub> trihydroxyphenethylammonium [R(R*,R*)]hydrogen tartrate	3414639	Classified as 'fatal in contact with skin' (GHS H310).	
1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, (+)-, (R-(R*,R*)))-2,3-DIHYDROXYBUTANEDIOATE	(±) <sub>3,4</sub> trihydroxyphenethylammonium [R(R*,R*)]hydrogen tartrate	3414639	Classified as 'toxic in contact with skin' (GHS H311).	
1,2-BENZENEDIOL, 4-(2-AMINO-1-HYDROXYETHYL)-, (+)-, (R-(R*,R*)))-2,3-DIHYDROXYBUTANEDIOATE	(±) <sub>3,4</sub> trihydroxyphenethylammonium [R(R*,R*)]hydrogen tartrate	3414639	Classified as 'fatal if inhaled' (GHS H330).	
1,2-BIS(2-METHOXYETHOXY)ETHANE	1,2 Bis(2methoxyethoxy)ethane; Triethylene glycol dimethyl ether; (TEGDME); triglyme	112492	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-BIS(3-METHYLPHENOXY)ETHANE	1,2bis(3methylphenoxy)ethane	54914851	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,2-CYCLOHEXANEDIAMINE	Cyclohex1,2ylenediamine	694837	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,2-CYCLOPROPANEDICARBOXIMIDE, N-(3,5-DICHLOROPHENYL)-1,2-DIMETHYL-	Procymidon	32809168	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,2-CYCLOPROPANEDICARBOXIMIDE, N-(3,5-DICHLOROPHENYL)-1,2-DIMETHYL-	Procymidone	32809168	California Proposition 65 listed for cancer	
1,2-DIBROMO-3-CHLOROPROPANE	1,2 Dibromo3chloropropane	96128	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	Classified as 'may cause cancer' (GHS H350).	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	Classified as 'fatal if inhaled' (GHS H330).	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	Classified as 'may cause genetic defects' (GHS H340).	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7, 71 1999)	
1,2-DIBROMO-3-CHLOROPROPANE	1,2Dibromo3chloropropane (DBCP)	96128	California Proposition 65 listed for cancer	
1,2-DIBROMO-3-CHLOROPROPANE	1,2Dibromo3chloropropane (DBCP) [Basis for listing changed effective November 22, 2013]	96128	California Proposition 65 listed for male	
1,2-DIBROMO-3-CHLOROPROPANE	Dibromochloropropane (DBCP)	96128	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,2-DIBROMO-3-CHLOROPROPANE	1,2dibromo3chloropropane	96128	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,2-DIBROMOETHANE	1,2 Dibromoethane	106934	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	EPA IRIS 'likely carcinogenic'.	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	Classified as 'may cause cancer' (GHS H350).	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	Classified as 'toxic in contact with skin' (GHS H311).	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	Classified as 'toxic if inhaled' (GHS H331).	
1,2-DIBROMOETHANE	Dibromoethane (EDB)	106934	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1,2-DIBROMOETHANE	Ethylene dibromide	106934	California Proposition 65 listed for cancer	
1,2-DIBROMOETHANE	Ethylene dibromide	106934	California Proposition 65 listed for developmental, male	
1,2-DIBROMOETHANE	Ethylene dibromide	106934	Probably carcinogenic to humans' IARC (Category 2A, Volume 15, Sup 7, 71 1999)	
1,2-DIBROMOETHANE	1,2dibromoethane	106934	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,2-DICHLOROBENZENE	1,2Dichlorobenzene	95501	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,2-DICHLOROPROPANE	(1E)1,3dichloroprop1ene; 1,2dichloropropane	78875	Classified as 'toxic in contact with skin' (GHS H311).	
1,2-DICHLOROPROPANE	(1E)1,3dichloroprop1ene; 1,2dichloropropane	78875	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,2-DICHLOROPROPANE	1,2Dichloropropane	78875	California Proposition 65 listed for cancer	
1,2-DICHLOROPROPANE	1,2Dichloropropane	78875	Classified as 'may cause cancer' (GHS H350).	
1,2-DICHLOROPROPANE	1,2Dichloropropane	78875	Carcinogenic to humans' IARC (Category 1, Volume 41, Sup 7, 71, 110 2017)	
1,2-DICHLOROPROPANE	1,2dichloropropane; 3,3dichloroprop1ene; 3chloroprop1ene	78875	Classified as 'may cause genetic defects' (GHS H340).	
1,2-DICHLOROPROPANE	1,2dichloropropane; 3,3dichloroprop1ene; 3chloroprop1ene	78875	Classified as 'may cause cancer' (GHS H350).	
1,2-DICHLOROPROPANE	1,2dichloropropane; 3,3dichloroprop1ene; 3chloroprop1ene	78875	Classified as 'toxic if inhaled' (GHS H331).	
1,2-DICHLOROPROPANE	1,2Dichloropropane	78875	Listed as an IARC Group 1 Carcinogen	
1,2-DICHLOROPROPANE	1,2-DICHLOROPROPANE	78875	Europe prohibits this ingredient in cosmetics	
1,2-DIMETHOXYETHANE	1,2dimethoxyethane	110714	Classified as 'suspected of causing cancer' (GHS H351).	
1,2-DIMETHOXYETHANE	Ethylene glycol dimethyl ether (EGDME)	110714	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-DIMETHYLHYDRAZINE	1,2 Dimethylhydrazine	540738	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-DIMETHYLHYDRAZINE	1,2dimethylhydrazine	540738	California Proposition 65 listed for cancer	
1,2-DIMETHYLHYDRAZINE	1,2dimethylhydrazine	540738	Probably carcinogenic to humans' IARC (Category 2A, Volume 4, Sup 7, 71 1999)	
1,2-EPOXY-4-EPOXYETHYLCYCLOHEXANE	4Vinyl1cyclohexene Diepoxide	106876	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,2-EPOXY-4-EPOXYETHYLCYCLOHEXANE	4Vinyl1cyclohexene diepoxide (Vinyl cyclohexenedioxide)	106876	California Proposition 65 listed for cancer	
1,2-EPOXY-4-EPOXYETHYLCYCLOHEXANE	4Vinylcyclohexene diepoxide	106876	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 60 1994)	
1,2-EPOXY-4-EPOXYETHYLCYCLOHEXANE	Vinyl cyclohexene dioxide (4Vinyl1cyclohexene diepoxide) [Click here for the basis for the removal of male reproductive endpoint, effective December 20, 2013]	106876	California Proposition 65 listed for female, male	
1,2-EPOXY-4-EPOXYETHYLCYCLOHEXANE	4Vinyl1cyclohexene Diepoxide	106876	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,2-EPOXYBUTANE	1,2 Epoxybutane	106887	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-EPOXYBUTANE	1,2epoxybutane	106887	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,2-EPOXYBUTANE	1,2epoxybutane	106887	Classified as 'suspected of causing cancer' (GHS H351).	
1,2-EPOXYBUTANE	1,2epoxybutane	106887	Possibly carcinogenic to humans' IARC (Category 2B, Volume 47, 71 1999)	
1,2-ETHANEDIAMINE, N,N'-BIS(2-AMINOETHYL)-, DIHYDROCHLORIDE	Trientine hydrochloride	38260014	California Proposition 65 listed for developmental	
1,2-HEXANEDIOL	1,2Hexanediol	6920225	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
1,2-OXATHIANE, 2,2-DIOXIDE	1(4)butanesultone	1633836	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,2-OXATHIANE, 2,2-DIOXIDE	1(4)butanesultone	1633836	Classified as 'suspected of causing cancer' (GHS H351).	
1,2-PROPANEDIAMINE, 2-METHYL-	2methylpropylenediamine	811938	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,2-PROPANEDIOL, 3-(O-METHOXYPHENOXY)-, 1-CARBAMATE	Methocarbamol	532036	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,2-PROPANEDIOL, 3-(O-METHOXYPHENOXY)-, 1-CARBAMATE	Methocarbamol (INN)	532036	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-PROPANEDIOL, 3-(O-TOLYLOXY)-	Mephenesin (INN) and its esters	59472	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2-PROPANEDIOL, 3-(O-TOLYLOXY)-	Mephenesin and its esters	59472	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,2-PROPANEDIOL, 3-CHLORO-	3chloropropane1,2diol	96242; 342611012	Classified as 'may damage fertility or the unborn child' (GHS H360).	
1,2-PROPANEDIOL, 3-CHLORO-	3chloropropane1,2diol	96242; 342611012	Classified as 'suspected of causing cancer' (GHS H351).	
1,2-PROPANEDIOL, 3-CHLORO-	3chloropropane1,2diol	96242; 342611012	Classified as 'fatal if inhaled' (GHS H330).	
1,2-PROPANEDIOL, 3-CHLORO-	3chloropropane1,2diol	96242; 342611012	Classified as 'toxic if inhaled' (GHS H331).	
1,2-PROPANEDIOL, 3-CHLORO-	3Monochloro1,2propanediol	96242	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
1,2-PROPANEDIOL, 3-CHLORO-	3Monochloropropane1,2diol (3MCPD)	96242	California Proposition 65 listed for cancer	
1,2-PROPANEDIOL, 3-CHLORO-	3Monochloro1,2propanediol	96242	Listed as an IARC Group 2B Carcinogen	
1,2,3-PROPANETRICARBOXYLIC ACID, 1,1'-(1-(12-AMINO-4,9,11-TRIHYDROXY-2-METHYLTRIDECYL)-2-(1-	<i>Fusarium moniliforme</i>, toxins derived from (fumonisin B<sub>1</sub>,</td> <td>116355830</td> <td>Possibly carcinogenic to humans' IARC (Category 2B, Volume 56 1993)</td> <td></td>	116355830	Possibly carcinogenic to humans' IARC (Category 2B, Volume 56 1993)	
1,2,3-PROPANETRICARBOXYLIC ACID, 1,1'-(1-(12-AMINO-4,9,11-TRIHYDROXY-2-METHYLTRIDECYL)-2-(1-	Fumonisin B<sub>1</sub>	116355830	Possibly carcinogenic to humans' IARC (Category 2B, Volume 82 2002)	
1,2,3-PROPANETRICARBOXYLIC ACID, 1,1'-(1-(12-AMINO-4,9,11-TRIHYDROXY-2-METHYLTRIDECYL)-2-(1-	Fumonisin B1	116355830	California Proposition 65 listed for cancer	
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COBALT(2+) SALT (2:3)	Tricobalt dicitrate	866819	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COBALT(2+) SALT (2:3)	Tricobalt dicitrate	866819	Classified as 'may cause cancer' (GHS H350).	
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COBALT(2+) SALT (2:3)	Tricobalt dicitrate	866819	Classified as 'may damage fertility or the unborn child' (GHS H360).	
1,2,3-PROPANETRICARBOXYLIC ACID, 2-HYDROXY-, COBALT(2+) SALT (2:3)	Tricobalt dicitrate	866819	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,2,3-PROPANETRIOL, POLYMER WITH (CHLOROMETHYL)OXIRANE	2(chloromethyl)oxirane; propane1,2,3triol	25038044	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,2,3-TRICHLOROPROPANE	1,2,3 Trichloropropane	96184	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	California Proposition 65 listed for cancer	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	EPA IRIS 'likely carcinogenic'.	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Classified as 'may cause cancer' (GHS H350).	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Classified as 'toxic in contact with skin' (GHS H311).	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Classified as 'toxic if inhaled' (GHS H331).	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Probably carcinogenic to humans' IARC (Category 2A, Volume 63 1995)	
1,2,3-TRICHLOROPROPANE	1,2,3trichloropropane	96184	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,2,3,4-TETRAHYDRO-6-NITRO-QUINOXALINE	Tetrahydro 6nitroquinoxaline and its salts	158006543; 41959357; 73855455	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2,3,4-TETRAHYDRONAPHTHALENE	1,2,3,4tetrahydronaphthalene	119642	Classified as 'suspected of causing cancer' (GHS H351).	
1,2,4-BENZENETRIACETATE	1,2,4 Benzenetriacetate and its salts, when used as a substance in hair dye products	613036	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2,4-BUTANETRICARBOXYLIC ACID, 2-PHOSPHONO-, TETRASODIUM SALT	Tetrasodium hydrogen 2phosphonatobutane1,2,4tricarboxylate	66669532	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,2,4-TRIAZOLE	1,2,4 Triazole	288880	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,2,4-TRIAZOLE-3-CARBOXAMIDE, 1-BETA-D-RIBOFURANOSYL-	Ribavirin	36791045	California Proposition 65 listed for developmental	
1,2,4-TRIAZOLE-3-CARBOXAMIDE, 1-BETA-D-RIBOFURANOSYL-	Ribavirin	36791045	California Proposition 65 listed for male	
1,2,4-TRICHLOROENZENE	1,2,4trichlorobenzene	120821	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,2,4-TRIMETHYLBENZENE	1,2,4trimethylbenzene	95636	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
1,2,4,5-TETRAZINE, 3,6-BIS(2-CHLOROPHENYL)-	Apollo	74115245	EPA IRIS 'possible carcinogen'.	
1,3-BENZENEDIAMINE, 5-(TRIFLUOROMETHYL)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
1,3-BENZENEDICARBOXYLIC ACID, DI-2-PROPENYL ESTER	Diallyl isophthalate	1087214	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,3-BIS(3-METHYL-2,5-DIOXO-1H-PYRROLINYL METHYL) BENZENE	1,3bis(3methyl2,5dioxo1Hpyrrolinylmethyl)benzene	119462565	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1,3-BIS(3-METHYL-2,5-DIOXO-1H-PYRROLINYL METHYL) BENZENE	1,3bis(3methyl2,5dioxo1Hpyrrolinylmethyl)benzene	119462565	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,3-BIS(VINYLSULFONYLACETAMIDO)PROPANE	1,3 Bis(vinylsulfonylacetamido)propane	93629904	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-BIS(VINYLSULFONYLACETAMIDO)PROPANE	1,3Bis(vinylsulfonylacetamido)propane	93629904	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,3-BUTADIENE, 2,3-DICHLORO-	2,3dichlorobuta1,3diene	1653196	Classified as 'fatal if inhaled' (GHS H330).	
1,3-BUTADIENE, HEXACHLORO-	Hexachlorobutadiene	87683	California Proposition 65 listed for cancer	
1,3-BUTADIENE, HEXACHLORO-	Hexachlorobutadiene	87683	EPA IRIS 'possible carcinogen'.	
1,3-CYCLOPENTADIENE, METHYL-	Methylcyclopentadiene	26472004	Classified as 'may cause cancer' (GHS H350).	
1,3-CYCLOPENTADIENE, METHYL-	Methylcyclopentadiene	26472004	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,3-CYCLOPENTADIENE, METHYL-	Methylcyclopentadiene	26472004	Classified as 'may cause genetic defects' (GHS H340).	
1,3-DICHLOROBENZENE	1,3Dichlorobenzene	541731	Classified as 'toxic if inhaled' (GHS H331).	
1,3-DICHLORO-2-PROPANOL	1,3 Dichloropropan2ol	96231	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-DICHLORO-2-PROPANOL	1,3dichloro2propanol	96231	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
1,3-DICHLORO-2-PROPANOL	1,3Dichloro2propanol (1,3DCP)	96231	California Proposition 65 listed for cancer	
1,3-DICHLORO-2-PROPANOL	1,3Dichloropropan2ol	96231	Classified as 'may cause cancer' (GHS H350).	
1,3-DICHLORO-2-PROPANOL	1,3Dichloropropan2ol	96231	Classified as 'toxic in contact with skin' (GHS H311).	
1,3-DICHLORO-2-PROPANOL	1,3Dichloropropan2ol	96231	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1,3-DICHLORO-2-PROPANOL	1,3dichloro2propanol	96231	Listed as an IARC Group 2B Carcinogen	
1,3-Dichloro-5-ethyl-5-methylhydantoin	1,3Dichloro5ethyl5methylhydantoin	89415872	EWG F scoring ingredient under any condition of use.	
1,3-Dichloro-5-ethyl-5-methylhydantoin	1,3dichloro5ethyl5methylimidazolidine2,4dione	89415872	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-Dichloro-5-ethyl-5-methylhydantoin	1,3dichloro5ethyl5methylimidazolidine2,4dione	89415872	Classified as 'toxic if inhaled' (GHS H331).	
1,3-Dichloro-5,5-Dimethylhydantoin	1,3Dichloro5,5dimethylhydantoin	118525	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
1,3-Dichloro-5,5-Dimethylhydantoin	1,3Dichloro5,5dimethylhydantoin	118525	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-Dichloro-5,5-Dimethylhydantoin	1,3Dichloro5,5dimethylhydantoin	118525	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-DIOXOLO(4,5-G)ISOQUINOLIN-5-OL, 5,6,7,8-TETRAHYDRO-6-METHYL-	Hydrastine, hydrastinine and their salts	118081; 6592854	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-DIOXOLO(4,5-G)ISOQUINOLIN-5-OL, 5,6,7,8-TETRAHYDRO-6-METHYL-	Hydrastinine and its salts	6592854	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,3-DIPHENYLGUANIDINE	1,3 Diphenylguanidine	102067	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-INDANDIONE, 2-(P-METHOXYPHENYL)-	Anisindione	117373	California Proposition 65 listed for developmental	
1,3-INDANDIONE, 2-PHENYL-	2 Phenyliandan1,3dione (Phenindione (INN))	83125	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-INDANDIONE, 2-PHENYL-	Phenindione	83125	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,3-ISOBENZOFURANDIONE, HEXAHYDRO-	Cyclohexane1,2dicarboxylic anhydride	85427	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-ISOBENZOFURANDIONE, HEXAHYDRO-	Hexahydrophthalic Anhydride	85427	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
1,3-ISOBENZOFURANDIONE, HEXAHYDRO-	Hexahydrophthalic Anhydride	85427	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
1,3-ISOBENZOFURANDIONE, TETRAHYDRO-	TETRAHYDROPHthalic ANHYDRIDE	26266637	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-ISOBENZOFURANDIONE, TETRAHYDRO-5-METHYL-	Tetrahydro4methylphthalic anhydride	19438609; 34090761	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-ISOBENZOFURANDIONE, TETRAHYDROMETHYL-	Tetrahydromethylphthalic anhydride	11070443	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-NAPHTHALENEDISULFONIC ACID, 8-((3,3'-DIMETHYL-4'-((4-((4-METHYLPHENYL)SULFONYL)OXY	Cl. Acid Red 114	6459945	California Proposition 65 listed for cancer	
1,3-NAPHTHALENEDISULFONIC ACID, 8-((3,3'-DIMETHYL-4'-((4-((4-METHYLPHENYL)SULFONYL)OXY	Cl Acid Red 114	6459945	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57 1993)	
1,3-PROPANEDIAMINE	TRIMETHYLENEDIAMINE	109762	Classified as 'fatal in contact with skin' (GHS H310).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,3-PROPANEDIAMINE	TRIMETHYLENEDIAMINE	109762	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-PROPANEDIAMINE	TRIMETHYLENEDIAMINE	109762	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,3-PROPANEDIAMINE, N-METHYL-	3aminopropylmethylamine	6291845	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-PROPANEDIAMINE, N-METHYL-	3aminopropylmethylamine	6291845	Classified as 'fatal if inhaled' (GHS H330).	
1,3-PROPANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethyltrimethylenediamine	110952	Classified as 'fatal in contact with skin' (GHS H310).	
1,3-PROPANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethyltrimethylenediamine	110952	Classified as 'toxic in contact with skin' (GHS H311).	
1,3-PROPANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethyltrimethylenediamine	110952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-PROPANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethyltrimethylenediamine	110952	Classified as 'fatal if inhaled' (GHS H330).	
1,3-PROPANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethyltrimethylenediamine	110952	Classified as 'toxic if inhaled' (GHS H331).	
1,3-PROPANEDIAMINE, N,N''-1,2-ETHANEDIYLBIS-	N,N'BIS(3AMINOPROPYL)ETHYLENEDIAMINE	10563265	Classified as 'fatal in contact with skin' (GHS H310).	
1,3-PROPANEDIAMINE, N,N''-1,2-ETHANEDIYLBIS-	N,N'BIS(3AMINOPROPYL)ETHYLENEDIAMINE	10563265	Classified as 'toxic in contact with skin' (GHS H311).	
1,3-PROPANEDIAMINE, N,N''-1,2-ETHANEDIYLBIS-	N,N'BIS(3AMINOPROPYL)ETHYLENEDIAMINE	10563265	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-PROPANEDIAMINE, N'-(3-AMINOPROPYL)-N,N-DIMETHYL-	N'(3aminopropyl)N,Ndimethylpropane1,3diamine	10563298	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICARBAMATE	Meprobamate	57534	California Proposition 65 listed for developmental	
1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICARBAMATE	Meprobamate	57534	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,3-PROPANEDIOL, 2-METHYL-2-PROPYL-, DICARBAMATE	Meprobamate (INN)	57534	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)1,3propanediol (see 2,2Bis(bromomethyl)1,3propanediol [Technical Grade])	3296900	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)1,3propanediol	3296900	California Proposition 65 listed for cancer	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)propane1,3diol	3296900	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)propane1,3diol	3296900	Classified as 'may cause cancer' (GHS H350).	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)propane1,3diol	3296900	Classified as 'suspected of causing cancer' (GHS H351).	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)propane1,3diol	3296900	Classified as 'may cause genetic defects' (GHS H340).	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)propane1,3diol	3296900	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77 2000)	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	2,2Bis(bromomethyl)1,3propanediol	3296900	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	1,3-PROPANEDIOL, 2,2-BIS(BROMOMETHYL)-	3296900	Europe prohibits this ingredient in cosmetics	
1,3-PROPANESULTONE	1,3 Propanesultone	1120714	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3-PROPANESULTONE	1,3Propane sultone	1120714	California Proposition 65 listed for cancer	
1,3-PROPANESULTONE	1,3Propane sultone	1120714	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,3-PROPANESULTONE	1,3Propane sultone	1120714	Probably carcinogenic to humans' IARC (Category 2A, Volume 4, Sup 7, 71, 110 2017)	
1,3-PROPANESULTONE	1,3propanesultone	1120714	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,3-PROPANESULTONE	1,3propanesultone	1120714	Classified as 'may cause cancer' (GHS H350).	
1,3-PROPANESULTONE	1,3propanesultone	1120714	Classified as 'toxic in contact with skin' (GHS H311).	
1,3-PROPANESULTONE	1,3Propane sultone	1120714	Listed as an IARC Group 2A Carcinogen	
1,3-PROPANESULTONE	1,3Propane sultone	1120714	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,3,2-DITHIARISOLANE-4,5-DICARBOXYLIC ACID, 2-(P-((4,6-DIAMINO-5-TRIAZIN-2-YL)AMINO)PHENYL)-,	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,2-OXATHIASTANNOLANE, 2,2-DIOCTYL-, 5-OXIDE	2,2dioctyl1,3,2oxathiastannolan5one	15535792	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1,3,2-OXAZAPHOSPHORINE, 3-(2-CHLOROETHYL)-2-((2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	fosfamide	3778732	California Proposition 65 listed for developmental	
1,3,4-OXADIAZOLE, 2-((DIMETHYLAMINO)METHYLIMINO)-5-(2-(5-NITRO-2-FURYL)VINY)-,(E)-	trans2[(Dimethylamino)methylimino]5[2(5nitro2furyl)viny]1,3,4oxadiazole	55738540	California Proposition 65 listed for cancer	
1,3,4-THIADIAZOLE, 2-AMINO-5-(5-NITRO-2-FURYL)-	2Amino5(5nitro2furyl)1,3,4thiadiazole	712685	California Proposition 65 listed for cancer	
1,3,4-THIADIAZOLE, 2-AMINO-5-(5-NITRO-2-FURYL)-	2Amino5(5nitro2furyl)1,3,4thiadiazole	712685	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
1,3,5-BENZENETRIOL, DIHYDRATE	PHLOROGLUCINOL	108736; 6099907	Classified as 'suspected of causing genetic defects' (GHS H341).	
1,3,5-BENZENETRIOL, DIHYDRATE	PHLOROGLUCINOL	108736; 6099907	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1,3,5-TRIAZIN-2-AMINE, 4-METHOXY-6-(TRIFLUOROMETHYL)-	4methoxy6(trifluoromethyl)1,3,5triazin2amine	53110507	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-BETA-D-RIBOFURANOSYL-	Azacididine	320672	California Proposition 65 listed for cancer	
1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-BETA-D-RIBOFURANOSYL-	Azacididine	320672	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-BETA-D-RIBOFURANOSYL-	Azacididine	320672	Probably carcinogenic to humans' IARC (Category 2A, Volume 50 1990)	
1,3,5-TRIAZIN-2(1H)-ONE, 4-AMINO-1-BETA-D-RIBOFURANOSYL-	Azacididine	320672	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-	Desisopropyl atrazine (DIA)	1007289	California Proposition 65 listed for developmental, female	
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N-ETHYL-	Desisopropyl atrazine (DIA)	1007289	California Prop65 Chemical (developmental, female)	
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N(SUP 2)-(1-METHYLETHYL)-	Desethyl atrazine (DEA)	6190654	California Proposition 65 listed for developmental, female	
1,3,5-TRIAZINE-2,4-DIAMINE, 6-CHLORO-N(SUP 2)-(1-METHYLETHYL)-	Desethyl atrazine (DEA)	6190654	California Prop65 Chemical (developmental, female)	
1,3,5-TRIAZINE-2,4,6-TRIAMINE, N-CYCLOPROPYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,5-TRIAZINE-2,4,6-TRIAMINE, N,N,N',N',N"-HEXACHLORO-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,5-TRIAZINE-2,4,6-TRIAMINE, N,N,N',N',N"-HEXAKIS((ETHYLTHIO)METHYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,5-TRIAZINE-2,4,6-TRIAMINE, N,N,N',N',N"-HEXAKIS(METHOXYMETHYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,5-triazine-2,4,6-triamine; melamine	1,3,5-triazine-2,4,6-triamine; melamine	108-78-1	This ingredient is banned the European Union	X
1,3,5-TRIAZINE, N,N',N"-TRICHLORO-2,4,6-TRIAMINO-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
1,3,5-TRIOXAN	Trioxymethylene (1,3,5 Trioxan)	110883	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3,5-TRIS-[(2S AND 2R)-2,3-EPOXYPROPYL]-1,3,5-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE	1,3,5 tris[(2S and 2R)2,3Epoxypropyl]1,3,5triazine2,4,6(1H,3H,5H)trione	59653746	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3,5-TRIS-[(2S AND 2R)-2,3-EPOXYPROPYL]-1,3,5-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE	1,3,5tris[(2S and 2R)2,3epoxypropyl]1,3,5triazine2,4,6(1H,3H,5H)trione	59653746	Classified as 'toxic if inhaled' (GHS H331).	
1,3,5-TRIS-[(2S AND 2R)-2,3-EPOXYPROPYL]-1,3,5-TRIAZINE-2,4,6-(1H,3H,5H)-TRIONE	1,3,5tris[(2S and 2R)2,3epoxypropyl]1,3,5triazine2,4,6(1H,3H,5H)trione	59653746	Classified as 'may cause genetic defects' (GHS H340).	
1,3,5-TRIS(OXIRANYLMETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	1,3,5 Tris(oxiranylmethyl)1,3,5triazine2,4,6(1H,3H,5H)trione (TGIC)	2451629	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,3,5-TRIS(OXIRANYLMETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	1,3,5TRIS(OXIRANYLMETHYL)1,3,5TRIAZINE2,4,6(1H,3H,5H)TRIONE	2451629	Classified as 'toxic if inhaled' (GHS H331).	
1,3,5-TRIS(OXIRANYLMETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	1,3,5TRIS(OXIRANYLMETHYL)1,3,5TRIAZINE2,4,6(1H,3H,5H)TRIONE	2451629	Classified as 'may cause genetic defects' (GHS H340).	
1,3,5-TRIS(OXIRANYLMETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	Triglycidyl Isocyanurate	2451629	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
1,3,5-TRIS(OXIRANYLMETHYL)-1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE	Triglycidyl Isocyanurate	2451629	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
1,3,5,7-TETRAZOCINE, OCTAHYDRO-1,3,5,7-TETRANITRO-	Octahydro1,3,5,7tetranitro1,3,5,7tetrazocine	2691410	Classified as 'toxic in contact with skin' (GHS H311).	
1,3,6-NAPHTHALENETRISULFONIC ACID, 7-AMINO-	7aminonaphthalene1,3,6trisulphonic acid	118036	Classified as 'suspected of causing cancer' (GHS H351).	
1,3,6-NAPHTHALENETRISULFONIC ACID, 7-AMINO-	7aminonaphthalene1,3,6trisulphonic acid	118036	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,4-BENZENEDIAMINE, N,N'-MIXED PHENYL AND TOLYL DERIVS.	1,4Benzenediamine, N,N'mixed Ph and tolyl derivs.	68953844	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,4-BUTANEDIAMINE	Tetramethylenediamine	110601	Classified as 'toxic in contact with skin' (GHS H311).	
1,4-BUTANEDIAMINE	Tetramethylenediamine	110601	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,4-BUTANEDIAMINE	Tetramethylenediamine	110601	Classified as 'fatal if inhaled' (GHS H330).	
1,4-BUTANEDIOL	Butane1,4diol	110634	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1,4-BUTANEDIOL, DIMETHANESULFONATE	1,4Butanediol Dimethanesulfonate	55981	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
1,4-BUTANEDIOL, DIMETHANESULFONATE	1,4Butanediol dimethanesulfonate (Busulfan)	55981	California Proposition 65 listed for cancer	
1,4-BUTANEDIOL, DIMETHANESULFONATE	1,4Butanediol dimethanesulfonate (Busulfan)	55981	California Proposition 65 listed for developmental	
1,4-BUTANEDIOL, DIMETHANESULFONATE	1,4Butanediol dimethanesulfonate (see Busulfan)	55981	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100A 2012)	
1,4-BUTANEDIOL, DIMETHANESULFONATE	Busulfan	55981	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100A 2012)	
1,4-BUTANEDIOL, DIMETHANESULFONATE	Myleran (see Busulfan)	55981	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100A 2012)	
1,4-BUTANEDIOL, DIMETHANESULFONATE	1,4Butanediol Dimethanesulfonate	55981	Listed on the 14th Report on Carcinogens as a known carcinogen	
1,4-DICHLORO-2-(1,1,2,3,3,3-HEXAFLUOROPROPOXY)-5-NITROBENZENE	1,4dichloro2(1,1,2,3,3,3hexafluoroproxy)5nitrobenzene	130841235	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,4-DICHLOROBENZENE	Dichlorobenzene	106467	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
1,4-DICHLOROBENZENE	1,4 Dichlorobenzene (pDichlorobenzene)	106467	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,4-DICHLOROBENZENE	1,4Dichlorobenzene	106467	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,4-DICHLOROBENZENE	1,4Dichlorobenzene	106467	Classified as 'suspected of causing cancer' (GHS H351).	
1,4-DICHLOROBENZENE	1,4Dichlorobenzene	106467	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,4-DICHLOROBENZENE	pDichlorobenzene	106467	California Proposition 65 listed for cancer	
1,4-DICHLOROBENZENE	1,4Dichlorobenzene	106467	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,4-DICHLOROBUT-2-ENE	1,4 Dichlorobut2ene	764410	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,4-DICHLOROBUT-2-ENE	1,4Dichloro2butene	764410	California Proposition 65 listed for cancer	
1,4-DICYANO-2,3,5,6-TETRA-CHLORO-BENZENE	1,4Dicyano2,3,5,6tetrachlorobenzene	1897412	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,4-DIOXANE	1,4dioxane	123911	California Proposition 65 listed for cancer	
1,4-DIOXANE	1,4dioxane	123911	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
1,4-DIOXANE	1,4dioxane	123911	EPA IRIS 'likely carcinogenic'.	
1,4-DIOXANE	1,4dioxane	123911	Classified as 'suspected of causing cancer' (GHS H351).	
1,4-DIOXANE	1,4dioxane	123911	Possibly carcinogenic to humans' IARC (Category 2B, Volume 11, Sup 7, 71 1999)	
1,4-DIOXANE	Dioxane	123911	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
1,4-DIOXANE	Dioxane	123911	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,4-DIOXANE	1,4dioxane	123911	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'fatal in contact with skin' (GHS H310).	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'toxic in contact with skin' (GHS H311).	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'fatal if inhaled' (GHS H330).	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,4-NAPHTHOQUINONE	1,4naphthoquinone	130154	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,4,5,6,7,7-HEXACHLOROBICYCLO [2,2,1]HEPT-5-ENE-2,3-DICARBOXYLIC ANHYDRIDE CHLORENDIC ANHYDRIDE	1,4,5,6,7,7hexachloro8,9,10trinoorbom5ene2,3dicarboxylic anhydride	115275	Classified as 'suspected of causing cancer' (GHS H351).	
1,4,7,10-TETRAAZACYCLODODECANE	1,4,7,10tetraazacyclododecane	294906	Classified as 'toxic in contact with skin' (GHS H311).	
1,4,7,10-TETRAAZACYCLODODECANE	1,4,7,10tetraazacyclododecane	294906	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,4,7,10-TETRAAZACYCLODODECANE	1,4,7,10tetraazacyclododecane	294906	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,4,7,10-TETRAKIS(P-TOLUENSULFONYL)-1,4,7,10-TETRAAZACYCLODODECANE	1,4,7,10tetrakis(ptoluensulfonyl)1,4,7,10tetraazacyclododecane	52667886	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,5-BENZOTHAZEPIN-4(5H)-ONE, 2,3-DIHYDRO-3-(ACETYLOXY)-5-(2-(DIMETHYLAMINO)ETHYL)-2-(4-	Diltiazem hydrochloride	33286225	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1,5-CYCLOOCTADIENE	Cycloocta1,5diene	111784	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,5-HEXADIENE	Hexa1,5diene	592427	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1,5-NAPHTHALENEDISULFONIC ACID	Naphthalene1,5disulphonic acid	81049	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,5-NAPHTHYLENE DIISOCYANATE	1,5naphthylene diisocyanate	3173726	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1,5-NAPHTHYLENEDIAMINE	1,5naphthylenediamine	2243621	Classified as 'suspected of causing cancer' (GHS H351).	
1,5-NAPHTHYLENEDIAMINE	1,5naphthylenediamine	2243621	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,5-PENTANEDIAMINE	Pentamethylenediamine	462942	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,5-PENTANEDIAMINE, 2-METHYL-	2methylpentane1,5diamine	15520102	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,5-PENTANEDIAMINE, 2-METHYL-	2methylpentane1,5diamine	15520102	Classified as 'toxic if inhaled' (GHS H331).	
1,5-VALERODINITRILE, 2-METHYL-	2Methylglutaronitrile	4553622	Classified as 'toxic in contact with skin' (GHS H311).	
1,5-VALERODINITRILE, 2-METHYL-	2Methylglutaronitrile	4553622	Classified as 'fatal if inhaled' (GHS H330).	
1,5,9-CYCLODODECATRIENE (Z,E,E)	Cyclododeca1,5,9triene	4904614	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,6-Heptadien-3-one, 2-cyclohexyl-	2cyclohexylhepta1,6dien3one	313973374	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,6-HEXANEDIAMINE, N-(6-AMINOHEXYL)-	7azatridecane1,13diamine	143237	Classified as 'toxic in contact with skin' (GHS H311).	
1,6-HEXANEDIAMINE, N-(6-AMINOHEXYL)-	7azatridecane1,13diamine	143237	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,6-HEXANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethylhexamethylenediamine	111182	Classified as 'toxic in contact with skin' (GHS H311).	
1,6-HEXANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethylhexamethylenediamine	111182	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,6-HEXANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethylhexamethylenediamine	111182	Classified as 'fatal if inhaled' (GHS H330).	
1,6-HEXANEDIAMINE, N,N,N',N'-TETRAMETHYL-	N,N,N',N'tetramethylhexamethylenediamine	111182	Classified as 'toxic if inhaled' (GHS H331).	
1,6-HEXANEDIAMINE, N,N'-BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL)-	N,N'bis(2,2,6,6tetramethylpiperidin4yl)hexane1,6diamine	61260557	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1,7-DICARBADODECABORANE(12)-1,7-DICARBOXYLIC ACID, CADMIUM SALT, HYDRATE (1:1:1)	Cadmium Compounds	155891013	Listed on the 14th Report on Carcinogens as a known carcinogen	
1,7-NAPHTHALENEDIOL	1,7 Naphthalenediol, when used as a substance in hair dye products	575382	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
1,7-OCTADIENE	Octa1,7diene	3710303	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1,8-NAPHTHYRIDINE-3-CARBOXYLIC ACID, 1-ETHYL-1,4-DIHYDRO-7-METHYL-4-OXO-	Nalidixic acid	389082	California Proposition 65 listed for cancer	
1,8-OCTANEDIAMINE	Octamethylenediamine	373444	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1'H-ANDROSTANO(3,2-C)PYRAZOL-17-OL, 17-METHYL-, (5-ALPHA,17-BETA)-	Stanozolol	10418038	California Proposition 65 listed for cancer	
10-BORNANESULFONIC ACID, 2-OXO-, (1S,4R)-(+)-	2oxobornane10sulphonic acid	3144169	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
10-UNDECENOYL CHLORIDE	Undec10enoyl chloride	38460956	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
10H-PYRIDO(3,2-B)(1,4)BENZOTHIAZINE-10-CARBOXYLIC ACID, 2-(2-(1-PIPERIDINYL)ETHOXY)ETHYL ESTER	Pipazetate (INN) and its salts	2167853	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
10H-PYRIDO(3,2-B)(1,4)BENZOTHIAZINE-10-CARBOXYLIC ACID, 2-(2-(1-PIPERIDINYL)ETHOXY)ETHYL ESTER	Pipazetate and its salts	2167853	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
17-ALPHA-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-	Mestranol	72333	California Proposition 65 listed for cancer	
17-ALPHA-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-	Mestranol	72333	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
17-ALPHA-19-NORPREGNA-1,3,5(10)-TRIEN-20-YN-17-OL, 3-METHOXY-	Norethisterone (Norethindrone) /Mestranol	68224; 72333	California Proposition 65 listed for developmental	
17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Ethisterone	434037	Classified as 'suspected of causing cancer' (GHS H351).	
17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Ethisterone	434037	Classified as 'may damage fertility or the unborn child' (GHS H360).	
17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Ethisterone	434037	Classified as 'may cause harm to breastfed children' (GHS H362).	
17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Ethisterone	434037	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
17-ALPHA-PREGN-4-ENE-21-CARBOXYLIC ACID, 17-HYDROXY-7-ALPHA-MERCAPTO-3-OXO-, GAMMA-LACTONE	Spironolactone	52017	California Proposition 65 listed for cancer	
17-ALPHA-PREGN-4-ENE-21-CARBOXYLIC ACID, 17-HYDROXY-7-ALPHA-MERCAPTO-3-OXO-, GAMMA-LACTONE	Spironolactone	52017	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
17-ALPHA-PREGN-4-ENE-21-CARBOXYLIC ACID, 17-HYDROXY-7-ALPHA-MERCAPTO-3-OXO-, GAMMA-LACTONE	Spironolactone (INN)	52017	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
17-ALPHA-PREGNA-2,4-DIEN-20-YNO(2,3-D)ISOXAZOL-17-OL	Danazol	17230885	California Proposition 65 listed for developmental	
17-SPIRO(5,5-DIMETHYL-1,3-DIOXAN-2-YL)ANDROSTA-1,4-DIENE-3-ONE	17spiro(5,5dimethyl1,3dioxan2yl)androsta1,4diene3one	13258430	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
18,19-DINOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+)-	Norgestrel	6533002	California Proposition 65 listed for developmental	
18,19-DINOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+)-	Levonorgestrel implants	797637	California Proposition 65 listed for female	
18,19-DINOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 13-ETHYL-17-HYDROXY-, (+)-	Norgestrel	6533002	California Proposition 65 listed for developmental	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-17-OL	Lynestrenol	52766	California Proposition 65 listed for cancer	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-ACETOXY-	Norethisterone acetate (Norethindrone acetate)	51989	California Proposition 65 listed for developmental	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone	68224	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone (Norethindrone)	68224	California Proposition 65 listed for cancer	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone (Norethindrone)	68224	California Proposition 65 listed for developmental	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone (Norethindrone) /Ethinyl estradiol	68224; 57636	California Proposition 65 listed for developmental	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone (Norethindrone) /Mestranol	68224; 72333	California Proposition 65 listed for developmental	
19-NOR-17-ALPHA-PREGN-4-EN-20-YN-3-ONE, 17-HYDROXY-	Norethisterone	68224	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
19-NOR-17-ALPHA-PREGN-5(10)-EN-20-YN-3-ONE, 17-HYDROXY-	Norethynodrel	68235	California Proposition 65 listed for cancer	
1H-1,2,4-TRIAZOLE-1-ETHANOL, BETA-((4-CHLOROPHENYL)METHYL)-ALPHA-(1,1-DIMETHYLETHYL)-(R*,R*)-	1H-1,2,4-TRIAZOLE-1-ETHANOL, BETA-((4-CHLOROPHENYL)METHYL)-ALPHA-(1,1-DIMETHYLETHYL)-(R*,R*)-	76738620	Europe prohibits this ingredient in cosmetics	
1H-1,4-BENZODIAZEPINE-3-CARBOXYLIC ACID, 7-CHLORO-2,3-DIHYDRO-2-OXO-5-PHENYL-MONOPOTASSIUM	Clorazepate dipotassium	57109907	California Proposition 65 listed for developmental	
1H-1,5-BENZODIAZEPINE-2,4(3H,5H)-DIONE, 8-CHLORO-1-PHENYL-	8chloro1phenyl1H1,5benzodiazepine2,4(3H,5H)dione	22316558	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1H-AZEPINE, HEXAHYDRO-	Perhydroazepine	111499	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1H-AZEPINE, HEXAHYDRO-	Perhydroazepine	111499	Classified as 'toxic if inhaled' (GHS H331).	
1H-AZEPINE, HEXAHYDRO-1-NITROSO-	NNitrosohexamethyleneimine	932832	California Prop65 Chemical (cancer)	
1H-BENZ(DE)ISOQUINOLINE-5-SULFONIC ACID, 2,3-DIHYDRO-6-AMINO-1,3-DIOXO-2-(P-TOLYL)-,	1HBENZ(DE)ISOQUINOLINESULFONIC ACID, 2,3DIHYDRO6AMINO1,3DIOXO2(PTOYL),	2391302	Non FDA approved colorant.	
1H-BENZIMIDAZOLE-7-CARBOXYLIC ACID, 2-ETHOXY-1-((2'-(1H-TETRAZOL-5-YL)(1,1'-BIPHENYL)-4-YL)	2ethoxy1((2'(1Htetrazol5yl)biphenyl4yl)methyl)1Hbenzimidazole7carboxylic acid	139481597	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1H-BENZIMIDAZOLE, 5-(DIFLUOROMETHOXY)-2-(((3,4-DIMETHOXY-2-PYRIDINYL)METHYL)SULFINYL)-	5(difluoromethoxy)2((3,4dimethoxypridin2yl)methanesulfinyl)1H1,3benzo diazole	102625707	Classified as 'suspected of causing cancer' (GHS H351).	
1H-BENZIMIDAZOLE, 5-(DIFLUOROMETHOXY)-2-(((3,4-DIMETHOXY-2-PYRIDINYL)METHYL)SULFINYL)-	5(difluoromethoxy)2((3,4dimethoxypridin2yl)methanesulfinyl)1H1,3benzo diazole	102625707	Classified as 'suspected of causing genetic defects' (GHS H341).	
1H-BENZIMIDAZOLE, 5-(DIFLUOROMETHOXY)-2-(((3,4-DIMETHOXY-2-PYRIDINYL)METHYL)SULFINYL)-	5(difluoromethoxy)2((3,4dimethoxypridin2yl)methanesulfinyl)1H1,3benzo diazole	102625707	Classified as 'may cause harm to breastfed children' (GHS H362).	
1H-BENZIMIDAZOLE, 5-(DIFLUOROMETHOXY)-2-(((3,4-DIMETHOXY-2-PYRIDINYL)METHYL)SULFINYL)-	5(difluoromethoxy)2((3,4dimethoxypridin2yl)methanesulfinyl)1H1,3benzo diazole	102625707	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
1H-BENZIMIDAZOLE, 5-(DIFLUOROMETHOXY)-2-(((3,4-DIMETHOXY-2-PYRIDINYL)METHYL)SULFINYL)-	5(difluoromethoxy)2((3,4dimethoxypridin2yl)methanesulfinyl)1H1,3benzo diazole	102625707	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
1H-BENZO(A)CYCLOPENT(H)ANTHRACENE, 2,3-DIHYDRO-	5,6Cyclopento1,2benzanthracene	7099436	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
1H-BENZOTRIAZOLE, METHYL-	Tolytriazole	29385431	According to the European Detergent Ingredient Database benzotriazole is persistent and toxic to aquatic life.	
1H-IMIDAZOLE-1-ETHANOL, 4,5-DIHYDRO-2-(HEPTADECENYL)-	1Himidazole1ethanol, 2(heptadecenyl)4,5dihydro	27136738	Imidazoline surfactant derivatives can cause severe skin burns and eye damage and be very toxic to aquatic life with long lasting effects.	
1H-IMIDAZOLE-5-METHANOL, 2-BUTYL-4-CHLORO-1-((2'-(1H-TETRAZOL-5-YL)(1,1'-BIPHENYL)-4-YL)	[2butyl4chloro1((4(2(2H1,2,3,4tetrazol5yl)phenyl)phenyl)methyl)1Himidazol5yl)methanol	114798264	Classified as 'may damage fertility or the unborn child' (GHS H360).	
1H-IMIDAZOLE-5-METHANOL, 2-BUTYL-4-CHLORO-1-((2'-(1H-TETRAZOL-5-YL)(1,1'-BIPHENYL)-4-YL)	[2butyl4chloro1((4(2(2H1,2,3,4tetrazol5yl)phenyl)phenyl)methyl)1Himidazol5yl)methanol	114798264	Classified as 'may cause harm to breastfed children' (GHS H362).	
1H-IMIDAZOLE, 1-(1-((4-CHLORO-2-(TRIFLUOROMETHYL)PHENYL)IMINO)-2-PROPOXYETHYL)-	1H-IMIDAZOLE, 1-(1-((4-CHLORO-2-(TRIFLUOROMETHYL)PHENYL)IMINO)-2-PROPOXYETHYL)-	68694111	Europe prohibits this ingredient in cosmetics	
1H-IMIDAZOLE, 1-(2-((4-CHLOROPHENYL)METHOXY)-2-(2,4-DICHLOROPHENYL)ETHYL)-, NITRATE	1Himidazole, 1[2((4chlorophenyl)methoxy)2(2,4dichlorophenyl)ethyl], mononitrate	24169026	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
1H-IMIDAZOLE, 2-ETHYL-4-METHYL-	2ethyl4methylimidazole	931362	Classified as 'suspected of causing cancer' (GHS H351).	
1H-IMIDAZOLE, 2-ETHYL-4-METHYL-	2ethyl4methylimidazole	931362	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
1H-INDENE-3-ACETIC ACID, 5-FLUORO-2-METHYL-1-((4-(METHYLSULFINYL)PHENYL)METHYLENE)-, (Z)-	Sulindac	38194502	California Proposition 65 listed for developmental, female	
1H-INDENE-3-ACETIC ACID, 5-FLUORO-2-METHYL-1-((4-(METHYLTHIO)PHENYL)METHYLENE)-, (Z)-	5fluoro2methyl1[[4(methylthio)phenyl]methylene]1Hindene3acetic acid	32004674	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
1H-INDENE-3-ACETIC ACID, 5-FLUORO-2-METHYL-1-((4-(METHYLTHIO)PHENYL)METHYLENE)-, (Z)-	5fluoro2methyl1[[4(methylthio)phenyl]methylene]1Hindene3acetic acid	32004674	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
1H-INDOLE-3-ACETIC ACID, 1-(4-CHLOROBENZOYL)-5-METHOXY-2-METHYL-, 2-(1,1-DIMETHYLETHOXY)-2-	2(tertbutoxy)2oxoethyl 2[1(4chlorobenzoyl)5methoxy2methyl1Hindol3yl]acetate	75302986	Classified as 'toxic in contact with skin' (GHS H311).	
1H-PYRAZOLE, 3-CHLORO-5-METHYL-4-NITRO-	CMNP (pyrazachlor)	6814580	California Proposition 65 listed for cancer	
1H-PYRAZOLE, 3-CHLORO-5-METHYL-4-NITRO-	CMNP (pyrazachlor)	6814580	California Prop65 Chemical (cancer)	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
1H-PYRROLE-2,5-DIONE, 1,1'-(4-METHYL-1,3-PHENYLENE)BIS-	1,1'-(4methyl1,3phenylene)bis1Hpyrrole2,5dione	6422839	Classified as 'fatal if inhaled' (GHS H330).	
1H-PYRROLE-2,5-DIONE, 1,1'-(4-METHYL-1,3-PHENYLENE)BIS-	1,1'-(4methyl1,3phenylene)bis1Hpyrrole2,5dione	6422839	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-((4,6-BIS(4-(2-(1-METHYLPYRIDINIUM-4-YL)VINY)PHENYLAMINO)-1,3,5-TRIAZIN-2-YL)(2-HYDROXYETHYL)AMINO)ETHANOL DICHLORIDE	2((4,6bis(4(2(1methylpyridinium4yl)viny)phenylamino)1,3,5triazin2yl)(2hydroxyethyl)amino)ethanol dichloride	163661776	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-(2-AMINO-1,3-THIAZOL-4-YL)-(Z)-2-METHOXYMINOACETYL CHLORIDE HYDROCHLORIDE	2(2amino1,3thiazol4yl)(Z)2methoxyminoacetyl chloride hydrochloride	119154868	Classified as 'suspected of causing cancer' (GHS H351).	
2-(2-AMINO-1,3-THIAZOL-4-YL)-(Z)-2-METHOXYMINOACETYL CHLORIDE HYDROCHLORIDE	2(2amino1,3thiazol4yl)(Z)2methoxyminoacetyl chloride hydrochloride	119154868	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-(2-BROMOETHOXY)ANISOLE	1(2bromoethoxy)2methoxybenzene	4463596	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-(3-(PROP-1-EN-2-YL)PHENYL)PROP-2-YL ISOCYANATE	1(isocyanato1methylethyl)3(1methylethenyl)benzene	2094997	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-(3-(PROP-1-EN-2-YL)PHENYL)PROP-2-YL ISOCYANATE	1(isocyanato1methylethyl)3(1methylethenyl)benzene	2094997	Classified as 'fatal if inhaled' (GHS H330).	
2-(3-(PROP-1-EN-2-YL)PHENYL)PROP-2-YL ISOCYANATE	1(isocyanato1methylethyl)3(1methylethenyl)benzene	2094997	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2-(3-(PROP-1-EN-2-YL)PHENYL)PROP-2-YL ISOCYANATE	1(isocyanato1methylethyl)3(1methylethenyl)benzene	2094997	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-(3,4-DICHLOROPHENYL)-4-METHYL-1,2,4-OXADIAZOLIDINEDIONE	Methazole	20354261	California Proposition 65 listed for developmental	
2-(4-TERT-BUTYLPHENYL)ETHANOL	2(4tertButylphenyl)ethanol	5406860	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-(MORPHOLINOTHIO)BENZOTHAIOLE	2(morpholinothio)benzothiazole	102772	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-[[2-(2-DIMETHYLAMINO)ETHOXY]ETHYL]METHYLAMINO]ETHANOL	2[[2(2(dimethylamino)ethoxy)ethyl]methylamino]ethanol	83016700	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-[[2-(ACETILOXY)-3-(1,1-DIMETHYL-ETHYL)-5-METHYLPHENYL]METHYL]-6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	2[[2(acetyloxy)3(1,1dimethylethyl)5methylphenyl]methyl]6(1,1dimethylethyl)4methylphenol	41620331	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-[[2-(ACETILOXY)-3-(1,1-DIMETHYL-ETHYL)-5-METHYLPHENYL]METHYL]-6-(1,1-DIMETHYLETHYL)-4-METHYLPHENOL	2[[2(acetyloxy)3(1,1dimethylethyl)5methylphenyl]methyl]6(1,1dimethylethyl)4methylphenol	41620331	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-AMINO-3-HYDROXYPYRIDINE	2aminopyridin3ol	16867031	Classified as 'toxic in contact with skin' (GHS H311).	
2-AMINO-3-NITROPHENOL	2 Amino3nitrophenol and its salts, when used as a substance in hair dye products	603850	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-AMINO-4-NITROPHENOL	2 Amino4nitrophenol	99570	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-AMINO-4-NITROPHENOL	2Amino4nitrophenol	99570	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-AMINO-4-NITROPHENOL	2Amino4nitrophenol	99570	Classified as 'suspected of causing cancer' (GHS H351).	
2-AMINO-5-NITROPHENOL	2 Amino5nitrophenol	121880	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-AMINO-5-NITROPHENOL	2Amino5nitrophenol	121880	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-AMINO-5-NITROPHENOL	2Amino5nitrophenol	121880	Classified as 'suspected of causing cancer' (GHS H351).	
2-AMINOBTANOL	(+)2amino1butanol	5856622	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-AMINOBTANOL	2aminobutan1ol	96208	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-AMINOPHENOL-4-SULFONIC ACID	3amino4hydroxybenzenesulphonic acid	98373	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-ANTHRACENESULFONIC ACID, 1-AMINO-9,10-DIHYDRO-4-(M-((2-HYDROXYETHYL)SULFONYL)ANILINO-9,10-	2(3(4amino9,10dihydro3sulpho9,10dioxoanthracen4yl)aminobenzenesulphonyl)viny) disodium sulphate	2580781	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2-BENZIMIDAZOLETHIOL	Benzimidazole2thiol	583391	Classified as 'toxic in contact with skin' (GHS H311).	
2-BENZIMIDAZOLETHIOL, ZINC SALT	Zinc di(benzimidazol2yl) disulphide	3030806	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-BENZIMIDAZOLINONE	Benzimidazol 2(3H)one	615167	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BENZIMIDAZOLINONE	Benzimidazol2(3H)one	615167	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-BENZIMIDAZOLINONE, 1-(1-(4,4-BIS(P-FLUOROPHENYL)BUTYL)-4-PIPERIDYL)-	2HBenzimidazol2one, 1[1(4,4bis(4fluorophenyl)butyl]4piperidiny]1,3dihydro	2062784	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
2-BENZIMIDAZOLINONE, 1-(1-(4,4-BIS(P-FLUOROPHENYL)BUTYL)-4-PIPERIDYL)-	Pimozide	2062784	California Proposition 65 listed for developmental, female	
2-BENZOTHAZOLESUFENAMIDE, N-TERT-BUTYL-	Ntertbutylbenzothiazole2sulphenamide	95318	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-BENZOTHAZOLESUFENAMIDE, N,N-DICYCLOHEXYL-	N,Ndicyclohexylbenzothiazole2sulphenamide	4979322	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-BENZOTHAIOLETHIOL, ZINC SALT (2:1)	Zinc di(benzothiazol2yl) disulphide	155044	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-BENZOAZOLINONE, 5-CHLORO-	Chlorzoxazone	95250	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-BENZOAZOLINONE, 5-CHLORO-	Chlorzoxazone (INN)	95250	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BENZYL-2-DIMETHYLAMINO-4-MORPHOLINOBUTYROPHENONE	2benzyl2dimethylamino4'morpholinobutyrophenone	119313121	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-BENZYL-2-DIMETHYLAMINO-4-MORPHOLINOBUTYROPHENONE	2benzyl2dimethylamino4'morpholinobutyrophenone	119313121	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	119313-12-1	These ingredients are classified as carcinogenic, mutagenic, or as reproductive toxicants	X
2-BIPHENYLOL, SODIUM SALT, TETRAHYDRATE	sodium 2biphenylate	132274; 6152336	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-BROMO-2-NITROPROPANE-1,3-DIOL	2bromo2nitropropane1,3diol	52517	This ingredient forms formaldehyde which causes allergic skin reactions	
2-BROMOPROPANE	2 Bromopropane	75263	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BROMOPROPANE	2Bromopropane (ZBP)	75263	California Proposition 65 listed for female, male	
2-bromopropane	2-bromopropane	75-26-3	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
2-BUTANOL, 1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-, BENZOATE, (ESTER)	1,1 Bis(dimethylaminomethyl)propyl benzoate (amydracaine, alypine) and its salts	963075	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BUTANOL, 1-(DIMETHYLAMINO)-2-((DIMETHYLAMINO)METHYL)-, BENZOATE, (ESTER)	Amydracaine and its salts	963075	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-BUTANOL, 1-(DIMETHYLAMINO)-2-METHYL-, BENZOATE (ESTER)	1 Dimethylaminomethyl1methylpropyl benzoate (amylocaïne) and its salts	644268	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BUTANOL, 1-(DIMETHYLAMINO)-2-METHYL-, BENZOATE (ESTER)	Amylocaïne and its salts	644268	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE, (+)-	Dextropropoxyphene	469625	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-BUTANOL, 4-(DIMETHYLAMINO)-3-METHYL-1,2-DIPHENYL-, PROPIONATE, (+)-	Dextropropoxyphene (INN)	469625	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BUTANONE OXIME	2 Butanone oxime	96297	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-BUTANONE OXIME	A mixture of: butan2one oxime; synO,O'di(butan2one oxime)diethoxysilane	96297	Classified as 'suspected of causing cancer' (GHS H351).	
2-BUTANONE OXIME	Butanone oxime	96297	Classified as 'suspected of causing cancer' (GHS H351).	
2-BUTANONE, PEROXIDE	2[[2hydroperoxybutan2yl)peroxy]butane2peroxol; butane2,2diperoxol	1338234	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-BUTANONE, PEROXIDE	2Butanone, peroxide	1338234	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-BUTENE, 1,3-DICHLORO-	1,3dichlorobut2ene	926578	Classified as 'toxic if inhaled' (GHS H331).	
2-BUTENE, 1,4-DIBROMO-, TRANS-	(E)1,4dibromobut2ene	821067	Classified as 'may cause cancer' (GHS H350).	
2-BUTENE, 1,4-DIBROMO-, TRANS-	(E)1,4dibromobut2ene	821067	Classified as 'toxic in contact with skin' (GHS H311).	
2-BUTENE, 1,4-DIBROMO-, TRANS-	(E)1,4dibromobut2ene	821067	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-BUTENE, 1,4-DIBROMO-, TRANS-	(E)1,4dibromobut2ene	821067	Classified as 'fatal if inhaled' (GHS H330).	
2-Butenedioic acid (Z), disodium salt, polymer with 2-propenoic acid	2Butenedioic acid (Z), disodium salt, polymer with 2propenoic acid	61842613	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), disodium salt, polymer with sodium 2-propenoate	2Butenedioic acid (Z), disodium salt, polymer with sodium 2propenoate	112909098	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), monosodium salt, polymer with 2-propenoic acid	2Butenedioic acid (Z), monosodium salt, polymer with 2propenoic acid	61842657	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), monosodium salt, polymer with sodium 2-propenoate	2Butenedioic acid (Z), monosodium salt, polymer with sodium 2propenoate	51025753	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), polymer with 2-propenoic acid	2Butenedioic acid (Z), polymer with 2propenoic acid	29132589	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), polymer with 2-propenoic acid, sodium salt	2Butenedioic acid (Z), polymer with 2propenoic acid, sodium salt	60472426	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), polymer with sodium 2-propenoate	2Butenedioic acid (Z), polymer with sodium 2propenoate	126595548	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid (Z), sodium salt, polymer with 2-propenoic acid	2Butenedioic acid (Z), sodium salt, polymer with 2propenoic acid	63519675	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	

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2-Butenedioic acid (Z), sodium salt, polymer with sodium 2-propenoate	2Butenedioic acid (Z), sodium salt, polymer with sodium 2propenoate	51344355	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Butenedioic acid, disodium salt, polymer with sodium 2-propenoate	2Butenedioic acid, disodium salt, polymer with sodium 2propenoate	60449787	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-BUTENOIC ACID, 3-AMINO-, 1-METHYLETHYL ESTER	propan2yl (2Z)3aminobut2enoate	14205460	Classified as 'toxic if inhaled' (GHS H331).	
2-BUTENOIC ACID, 3-AMINO-, METHYL ESTER	Methyl 3aminocrotonate	14205391	Classified as 'fatal if inhaled' (GHS H330).	
2-BUTOXYETHANOL	2Butoxyethanol	111762	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
2-BUTYNEOIC ACID, DIMETHYL ESTER	Dimethyl butynedioate	762425	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-CHLORO-5-METHYL-PYRIDINE	2chloro5methylpyridine	18368644	Classified as 'toxic in contact with skin' (GHS H311).	
2-CHLORO-5-NITRO-N-HYDROXYETHYL P-PHENYLENEDIAMINE	2 Chloro5nitroNhydroxyethylpphenylenediamine and its salts, when used as a substance in hair dye products	50610281	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-CHLORO-N-(ETHOXYMETHYL)-N-(2-ETHYL-6-METHYLPHENYL)ACETAMIDE	Acetochlor	34256821	California Proposition 65 listed for cancer	
2-CHLORO-N-(ETHOXYMETHYL)-N-(2-ETHYL-6-METHYLPHENYL)ACETAMIDE	Acetochlor	34256821	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
2-CHLORO-N-(ETHOXYMETHYL)-N-(2-ETHYL-6-METHYLPHENYL)ACETAMIDE	2-CHLORO-N-(ETHOXYMETHYL)-N-(2-ETHYL-6-METHYLPHENYL)ACETAMIDE	34256821	Europe prohibits this ingredient in cosmetics	
2-CHLORO-P-PHENYLENEDIAMINE SULFATE	2chlorobenzene1,4diammonium sulphate	6219712	Classified as 'toxic in contact with skin' (GHS H311).	
2-CHLORO-P-PHENYLENEDIAMINE SULFATE	2chlorobenzene1,4diammonium sulphate	6219712	Classified as 'toxic if inhaled' (GHS H331).	
2-CHLORO-P-PHENYLENEDIAMINE SULFATE	2chlorobenzene1,4diammonium sulphate	6219712	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
2-CHLORO-P-TOLUENESULFOCHLORIDE	2chloroptoluenesulfochloride	42413036	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-CHLOROBENZALDEHYDE	2chlorobenzaldehyde	89985	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-CHLOROPROPIONIC ACID	2chloropropionic acid	598787	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-CHLOROPROPIONIC ACID	2Chloropropionic acid [Basis for listing changed effective December 20, 2013]	598787	California Proposition 65 listed for male	
2-CYCLOHEXEN-1-ONE	Cyclohex2enone	930687	Classified as 'fatal in contact with skin' (GHS H310).	
2-CYCLOHEXEN-1-ONE	Cyclohex2enone	930687	Classified as 'fatal if inhaled' (GHS H330).	
2-CYCLOHEXEN-1-ONE	Cyclohex2enone	930687	Classified as 'toxic if inhaled' (GHS H331).	
2-DIMETHYLCYCLOHEXENYL-5-METHYL-5-METHYLPROPYL-1,3-DIOXANE	2(2,4Dimethyl3cyclohexenyl)5methyl5(1methylpropyl)1,3dioxane; 2(2,4Dimethyl3cyclohexenyl)5methyl5(1methylpropyl)1,3dioxane; 2(2,4dimethylcyclohex3enyl)5methyl5(1methylpropyl)1,3dioxane; 5butan2yl2(2,4dimethyl1	117933898	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
2-ETHOXYANILINE	ophenetidine	94702	Classified as 'toxic in contact with skin' (GHS H311).	
2-ETHOXYANILINE	ophenetidine	94702	Classified as 'toxic if inhaled' (GHS H331).	
2-ethyl-2-[[[1-oxoallyl]oxy]methyl]-1,3-propanediyl diacrylate	2,2-bis(acryloyloxymethyl)butyl acrylate; trimethylolpropane triacrylate;	15625-89-5	This ingredient is banned the European Union	X
2-ETHYLBUTYRIC ACID	2ETHYLBUTYRIC ACID	88095	Classified as 'toxic in contact with skin' (GHS H311).	
2-ETHYLHEXANOIC ACID	2 Ethylhexanoic acid	149575	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-ethylhexanoic acid	2-ethylhexanoic acid	149-57-5	This ingredient is banned the European Union	X
2-ETHYLHEXYL 4-AMINOENZOATE	2ethylhexyl 4aminobenzoate	26218042	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
2-ETHYLHEXYL ACRYLATE	2ethylhexyl acrylate	103117	Possibly carcinogenic to humans' IARC (Category 2B, Volume 60, 122 In prep.)	
2-ETHYLHEXYL ACRYLATE	2ethylhexyl acrylate	103117	Listed as an IARC Group 2B Carcinogen	
2-ETHYLHEXYL ACRYLATE	2-ETHYLHEXYL ACRYLATE	103117	California Proposition 65 listed for cancer	
2-ETHYLHEXYL[[[3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL]METHYL]THIO]ACETATE	2 Ethylhexyl[[[3,5bis(1,1dimethylethyl)4hydroxyphenyl]methyl]thio]acetate	80387979	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-FURALDEHYDE, 5-NITRO-	5nitro2furaldehyde	698635	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-FURALDEHYDE, 5-NITRO-, SEMICARBAZONE	Nitrofurazone	59870	California Proposition 65 listed for cancer	
2-FURANACROLEIN, 5-NITRO-	5nitrofuran2acrylaldehyde	1874222	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-FURANACROLEIN, 5-NITRO-	5nitrofuran2acrylaldehyde	1874222	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-FURANCARBONYL CHLORIDE	2furoyl chloride	527695	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-FURANMETHANEDIOL, 5-NITRO-, DIACETATE	5nitrofurfurylidene di(acetate)	92557	Classified as 'suspected of causing cancer' (GHS H351).	
2-HEPTENAL, (E)-	trans 2Heptenal, when used as a fragrance ingredient	18829555	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-HEPTENAL, (E)-	trans2Heptenal	18829555	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-HEPTENAL, (E)-	trans2Heptenal	18829555	Prohibited by the International Fragrance Association for use in fragrance.	
2-HEXENE, 1,1-DIETHOXY-, (E)-	trans 2Hexenal diethyl acetal, when used as a fragrance ingredient	67746309	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-HEXENE, 1,1-DIETHOXY-, (E)-	trans2Hexenal diethyl acetal	67746309	Prohibited by the International Fragrance Association for use in fragrance.	
2-HEXENE, 1,1-DIMETHOXY-, (E)-	trans 2Hexenal dimethyl acetal, when used as a fragrance ingredient	18318837	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-HEXENE, 1,1-DIMETHOXY-, (E)-	trans2Hexenal dimethyl acetal	18318837	Prohibited by the International Fragrance Association for use in fragrance.	
2-IMIDAZOLIDINIMINE, 1-((6-CHLORO-3-PYRIDINYL)METHYL)-N-NITRO-	2chloro5[[2(nitroimino)imidazolidin1yl]methyl]pyridine	138261413	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-IMIDAZOLIDINONE, 1-((5-NITROFURFURYLIDENE)AMINO)	1[[5Nitrofurfurylidene)amino]2imidazolidinone	555840	California Proposition 65 listed for cancer	
2-IMIDAZOLIDINONE, 1-((5-NITROFURFURYLIDENE)AMINO)	1[[5Nitrofurfurylidene)amino]2imidazolidinone	555840	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
2-IMIDAZOLIDINONE, 1-(5-NITRO-2-THIAZOLYL)-	Niridazole	61574	California Proposition 65 listed for cancer	
2-IMIDAZOLIDINONE, 1-(5-NITRO-2-THIAZOLYL)-	Niridazole	61574	Possibly carcinogenic to humans' IARC (Category 2B, Volume 13, Sup 7 1987)	
2-IMIDAZOLINE, 2-(1-NAPHTHYLMETHYL)-	Naphazoline (INN) and its salts	835314	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-IMIDAZOLINE, 2-(1-NAPHTHYLMETHYL)-	Naphazoline and its salts	835314	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-IMIDAZOLINE, 2-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-	Tetrahydrozoline (Tetryzoline (INN)) and its salts	84220; 522485; 33067946	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-IMIDAZOLINE, 2-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-	Tetrahydrozoline and its salts	84220	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-IMIDAZOLINE, 2-(4-TERT-BUTYL-2,6-DIMETHYLBENZYL)-	Xylometazoline (INN) and its salts	526363	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-IMIDAZOLINE, 2-(4-TERT-BUTYL-2,6-DIMETHYLBENZYL)-	Xylometazoline and its salts	526363	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-IMIDAZOLINE, 2-PHENYL-	2phenyl2imidazoline	936492	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-ISOPENTENAL	3METHYL2BUTENAL	107868	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-ISOPENTENAL	3METHYL2BUTENAL	107868	Classified as 'toxic if inhaled' (GHS H331).	
2-METHOXYANILINE	<i>ortho</i>Anisidine	90040	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	California Proposition 65 listed for cancer	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	Classified as 'may cause cancer' (GHS H350).	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	Classified as 'toxic in contact with skin' (GHS H311).	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	Classified as 'toxic if inhaled' (GHS H331).	
2-METHOXYANILINE	<i>o</i> Anisidine (see <i>o</i> Anisidine and Its Hydrochloride)	90040	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-METHOXYANILINE	<i>ortho</i> Anisidine (see also <i>ortho</i> Anisidine hydrochloride)	90040	Listed as an IARC Group 2A Carcinogen	
2-METHOXYANILINE	<i>o</i> Anisidine	90040	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-METHOXYANILINE	2-METHOXYANILINE	90040	Probably carcinogenic to humans' IARC (Category 2A, Volume 127, 2021)	
2-METHOXYMETHYL-P-AMINOPHENOL HCL	2 Methoxymethylpaminophenol and its HCl salt, when used as a substance in hair dye products	135043651; 29785475	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHOXYPROPANOL	2 Methoxypropanol	1589475	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHOXYPROPANOL	2methoxypropanol	1589475	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-METHOXYPROPYL ACETATE	2 Methoxypropyl acetate	70657704	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHOXYPROPYL ACETATE	2Methoxypropyl1acetate	70657704	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-METHYL-2-AZABICYCLO[2.2.1]HEPTANE	2methyl2azabicyclo[2.2.1]heptane	4524952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYL-4-(2,2,3-TRIMETHYL-3-CYCLOPENTENYL)-2-BUTEN-1-OL	2Methyl4(2,2,3trimethyl3cyclopenten1yl)2buten1ol	28219605	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-Methyl-4-propyl-1,3-oxathiane	3(pcumenyl)2methylpropionaldehyde	6658486; 67715804	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-METHYL-5-CYCLOHEXYPENTANOL	(2R)5cyclohexyl2methylpentan1ol; (2S)5cyclohexyl2methylpentan1ol	1141487548	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-METHYL-M-PHENYLENE DIISOCYANATE	2 Methylmphenylene diisocyanate (Toluene 2,6diisocyanate)	91087	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHYL-M-PHENYLENE DIISOCYANATE	2methylmphenylene diisocyanate	91087	Classified as 'suspected of causing cancer' (GHS H351).	
2-METHYL-M-PHENYLENE DIISOCYANATE	2methylmphenylene diisocyanate	91087	Classified as 'fatal if inhaled' (GHS H330).	
2-METHYL-M-PHENYLENE DIISOCYANATE	2methylmphenylene diisocyanate	91087	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2-METHYL-M-PHENYLENE DIISOCYANATE	2,6Toluene Diisocyanate (see Toluene Diisocyanates)	91087	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-METHYL-M-PHENYLENE DIISOCYANATE	Toluene diisocyanates	584849; 91087; 26471625	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-METHYL-M-PHENYLENE DIISOCYANATE	2,6Toluene Diisocyanate	91087	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-METHYLAZIRIDINE	2 Methylaziridine (propyleneimine)	75558	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-METHYLAZIRIDINE	2Methylaziridine	75558	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-METHYLAZIRIDINE	2Methylaziridine (Propyleneimine)	75558	California Proposition 65 listed for cancer	
2-METHYLAZIRIDINE	2Methylaziridine (Propyleneimine)	75558	Possibly carcinogenic to humans' IARC (Category 2B, Volume 9, Sup 7, 71 1999)	
2-METHYLAZIRIDINE	2Methylaziridine	75558	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-METHYLBUTYRIC ACID	2METHYLBUTYRIC ACID	116530	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'may cause genetic defects' (GHS H340).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'may cause cancer' (GHS H350).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'may damage fertility or the unborn child' (GHS H360).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'toxic in contact with skin' (GHS H311).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYLNAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91576	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-METHYLPENT-2-ENOIC ACID	(E)2methylpent2en1oic acid	3142721; 16957703	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYLPROPANOL	2methylpropan1ol	78831	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
2-METHYLPROPANOL	2methylpropan1ol; tripropylamine	78831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYLPROPANOL	2methylpropan1ol; tripropylamine	78831	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
2-METHYLPYRIDINE	2Methylpyridine	109068	Classified as 'toxic in contact with skin' (GHS H311).	
2-METHYLPYRIDINE	2Methylpyridine	109068	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-METHYLPYRIDINE	2Methylpyridine	109068	Classified as 'toxic if inhaled' (GHS H331).	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,5,10,12,12A-	Methacycline hydrochloride	3963959	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,5,6,10,12,12A-	Oxytetracycline (internal use)	79572	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,5,6,10,12,12A-	Oxytetracycline hydrochloride (internal use)	2058460	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,6,10,12,12A-	Tetracycline	60548	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,6,10,12,12A-	Tetracycline (internal use)	60548	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,6,10,12,12A-	Tetracycline hydrochloride (internal use)	64755	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,6,10,12,12A-	Tetracycline	60548	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
2-NAPHTHACENECARBOXAMIDE, 4-ALPHA-S-(DIMETHYLAMINO)-1,4,4A-ALPHA-5,5A-ALPHA,6,11,12A-	Doxycycline (internal use)	564250	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 4,7-BIS(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,10,12,12A-	[4S(4_4a_5a_12a)]4,7bis(dimethylamino)1,4,4a,5,5a,6,11,12aocctahydro3,10,12,12atetrahydroxy1,11dioxonaphthacene2carboxamide monohydrochloride	13614987	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-NAPHTHACENECARBOXAMIDE, 4,7-BIS(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,10,12,12A-	[45(4_4a_5a_12a_)]4,7bis(dimethylamino)1,4,4a,5,5a,6,11,12aoctahydro3,10,12,12atetrahydroxy1,11dioxonaphthalene2carboxamide monohydrochloride	13614987	Classified as 'may cause harm to breastfed children' (GHS H362).	
2-NAPHTHACENECARBOXAMIDE, 4,7-BIS(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,10,12,12A-	Minocycline hydrochloride (internal use)	13614987	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 7-CHLORO-4-(DIMETHYLAMINO)-1,4,4A,5,5A,6,11,12A-OCTAHYDRO-3,6,10,12,	Demeclocycline hydrochloride (internal use)	64733	California Proposition 65 listed for developmental	
2-NAPHTHACENECARBOXAMIDE, 3-HYDROXY-N-(2-METHYLPHENYL)-	3hydroxy2'methyl2naphthaniide	135615	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-NAPHTHACENECARBOXAMIDE, N-(5-CHLORO-2,4-DIMETHOXYPHENYL)-3-HYDROXY-	2Naphthalenecarboxamide, N(5chloro2,4dimethoxyphenyl)3hydroxy	92728	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
2-NAPHTHACENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-,BARIUM SALT	Red BBN	7585413; 7023612	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
2-NAPHTHACENECARBOXYLIC ACID, 4-((5-CHLORO-4-METHYL-2-SULFOPHENYL)AZO)-3-HYDROXY-,BARIUM SALT	Red BBN	7585413	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
2-NAPHTHALENESULFONIC ACID	Naphthalene2sulphonic acid	120183	Classified as 'suspected of causing cancer' (GHS H351).	
2-NAPHTHALENESULFONIC ACID	Naphthalene2sulphonic acid	120183	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-NAPHTHALENESULFONIC ACID, 6-(ACETYLAMINO)-4-HYDROXY-3-((4-((2-(SULFOOXY)ETHYL)SULFONYL)	Disodium 6acetamido4hydroxy3[[4[[2(sulphonatooxy)ethyl]sulphonyl]phenyl]azo]naphthalene2sulphonate	20262582	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2-NAPHTHALENESULFONIC ACID, 6-AMINO-4-HYDROXY-	6amino4hydroxynaphthalene2sulphonic acid	90517	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-NAPHTHALENESULFONIC ACID, 6-HYDROXY-	6hydroxynaphthalene2sulphonic acid	93016	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-NAPHTHALENESULFONIC ACID, 7-AMINO-4-HYDROXY-	7amino4hydroxynaphthalene2sulphonic acid	87025	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-NAPHTHALENOL, DECAHYDRO-6-(1-METHYLETHYL)-	6 Isopropyl2decahydronaphthalenol, when used as a fragrance ingredient	34131992	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NAPHTHALENOL, DECAHYDRO-6-(1-METHYLETHYL)-	6isopropyl2decahydronaphthalenol	34131992	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-NAPHTHALENOL, DECAHYDRO-6-(1-METHYLETHYL)-	6isopropyl2decalol (Decatol)	34131992	Prohibited by the International Fragrance Association for use in fragrance.	
2-NAPHTHOIC ACID, 4,4'-METHYLENEBIS(3-HYDROXY-	3,3'dihydroxy4,4'methylenedi(2naphthoic acid)	130858	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-NAPHTHOL	2 Naphthol	135193	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NAPHTHOL	2naphthol	135193	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-NAPHTHOL	2naphthol	135193	Classified as 'toxic if inhaled' (GHS H331).	
2-NAPHTHYLAMINE	1 and 2Naphthylamines and their salts	91598;134327	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NAPHTHYLAMINE	1 and 2Naphthylamines and their salts	134327;91598	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-NAPHTHYLAMINE	2naphthylamine	91598	California Proposition 65 listed for cancer	
2-NAPHTHYLAMINE	2naphthylamine	91598	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
2-NAPHTHYLAMINE	2naphthylamine	91598	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 99, 100F 2012)	
2-NAPHTHYLAMINE	2naphthylamine	91598	Listed on the 14th Report on Carcinogens as a known carcinogen	
2-NAPHTHYLAMINE, N-ETHYL-1-((P-(PHENYLAZO)PHENYL)AZO)-	2Naphthalenamine, Nethyl1[[4(phenylazo)phenyl]azo]	6368725	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
2-NAPHTHYLAMINE, N,N-BIS(2-CHLOROETHYL)-	Chlornaphazine	494031	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100A 2012)	
2-NAPHTHYLAMINE, N,N-BIS(2-CHLOROETHYL)-	N,NBis(2chloroethyl)2naphthylamine (Chlornapazine)	494031	California Proposition 65 listed for cancer	
2-NITRO-N-HYDROXYETHYL-P-ANISIDINE	2 NitroNhydroxyethyl)panisidine and its salts, when used as a substance in hair dye products	57524535	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITRO-P-ANISIDINE	2nitropanisidine	96968	Classified as 'fatal in contact with skin' (GHS H310).	
2-NITRO-P-ANISIDINE	2nitropanisidine	96968	Classified as 'fatal if inhaled' (GHS H330).	
2-NITRO-P-PHENYLENEDIAMINE	2 Nitrophenylenediamine and its salts, when used as a substance in hair dye products	5307142; 18266529; 68239838	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITRO-P-PHENYLENEDIAMINE	2NITROPPHENYLENEDIAMINE	5307142	Classified as 'suspected of causing cancer' (GHS H351).	
2-NITRO-P-PHENYLENEDIAMINE SULFATE	2 Nitrophenylenediamine and its salts, when used as a substance in hair dye products	5307142; 18266529; 68239838	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-NITROANISOLE	2 Nitroanisole	91236	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITROANISOLE	2nitroanisole	91236	Possibly carcinogenic to humans' IARC (Category 2B, Volume 65 1996)	
2-NITROANISOLE	oNitroanisole	91236	California Proposition 65 listed for cancer	
2-NITROANISOLE	oNitroanisole	91236	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-NITROANISOLE	orthoNitroanisole	91236	Listed as an IARC Group 2A Carcinogen	
2-NITROANISOLE	oNitroanisole	91236	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-NITROANISOLE	2-NITROANISOLE	91236	Probably carcinogenic to humans' IARC (Category 2A, Volume 127, 2021)	
2-NITRONAPHTHALENE	2 Nitronaphthalene	581895	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITROPROPANE	2 Nitropropane	79469	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITROPROPANE	2nitropropane	79469	California Proposition 65 listed for cancer	
2-NITROPROPANE	2nitropropane	79469	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-NITROPROPANE	2nitropropane	79469	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-NITROPROPANE	2nitropropane	79469	Classified as 'may cause cancer' (GHS H350).	
2-NITROPROPANE	2nitropropane	79469	Classified as 'toxic if inhaled' (GHS H331).	
2-NITROPROPANE	2nitropropane	79469	Possibly carcinogenic to humans' IARC (Category 2B, Volume 29, Sup 7, 71 1999)	
2-NITROPROPANE	2nitropropane	79469	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-NITROTOLUENE	2 Nitrotoluene	88722	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NITROTOLUENE	2nitrotoluene	88722	Classified as 'may cause cancer' (GHS H350).	
2-NITROTOLUENE	2nitrotoluene	88722	Classified as 'may cause genetic defects' (GHS H340).	
2-NITROTOLUENE	2nitrotoluene	88722	Probably carcinogenic to humans' IARC (Category 2A, Volume 101 2013)	
2-NITROTOLUENE	oNitrotoluene	88722	California Proposition 65 listed for cancer	
2-NITROTOLUENE	oNitrotoluene	88722	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2-NITROTOLUENE	2nitrotoluene	88722	Listed as an IARC Group 2A Carcinogen	
2-NITROTOLUENE	oNitrotoluene	88722	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2-NORBORNANAMINE, N,2,3,3-TETRAMETHYL-	Mecamylamine	60402	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-NORBORNANAMINE, N,2,3,3-TETRAMETHYL-	Mecamylamine (INN)	60402	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-NORBORNENE	8,9,10trinorborm2ene	498668	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-OCTEN-1-OL, 3,7-DIMETHYL-	3,7 Dimethyl2octen1ol (6,7Dihydrogeraniol), when used as a fragrance ingredient	40607485	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-OCTEN-1-OL, 3,7-DIMETHYL-	3,7Dimethyl2octen1ol	40607485	Prohibited by the International Fragrance Association for use in fragrance.	
2-OXAZOLIDINONE, 3-((5-NITROFURFURYLIDENE)AMINO)-	Furazolidone	67458	California Proposition 65 listed for cancer	
2-OXAZOLIDINONE, 3-((5-NITROFURFURYLIDENE)AMINO)-	Furazolidone	67458	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-OXAZOLIDINONE, 3-((5-NITROFURFURYLIDENE)AMINO)-	Furazolidone (INN)	67458	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-OXAZOLIDINONE, 5-(MORPHOLINOMETHYL)-3-((5-NITROFURFURYLIDENE)AMINO)-	5(Morpholinomethyl)3((5nitrofurfurylidene)amino)2oxazolidinone	139913	California Proposition 65 listed for cancer	
2-OXAZOLIN-4-ONE, 2-ETHYLAMINO-5-PHENYL-	Fenozolone	15302166	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-OXAZOLIN-4-ONE, 2-ETHYLAMINO-5-PHENYL-	Fenozolone (INN)	15302166	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-OXETANONE, 4-METHYL-	betaButyrolactone	3068880	California Proposition 65 listed for cancer	
2-OXETANONE, 4-METHYL-	betaButyrolactone	3068880	Possibly carcinogenic to humans' IARC (Category 2B, Volume 11, Sup 7, 71 1999)	
2-PENTENAL, 2-METHYL-	2methylpent2enal	623369	Classified as 'toxic if inhaled' (GHS H331).	
2-PENTENITRILE, (Z)-	(Z)pent2enenitrile	25899507	Classified as 'toxic in contact with skin' (GHS H311).	
2-PENTENITRILE, (Z)-	(Z)pent2enenitrile	25899507	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-PHENYLETHYLISOCYANATE	2phenylethylisocyanate	1943824	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PHENYLETHYLISOCYANATE	2phenylethylisocyanate	1943824	Classified as 'toxic if inhaled' (GHS H331).	
2-PHENYLETHYLISOCYANATE	2phenylethylisocyanate	1943824	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2-PHENYLHEXANENITRILE	2phenylhexanenitrile	3508983	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PHENYLPHENOL	biphenyl2ol	90437	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PHENYLPHENOL	oPhenylphenol	90437	California Proposition 65 listed for cancer	
2-PHENYLPROPENE	aMethylstyrene	98839	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
2-PHENYLPROPENE	αMethyl styrene (alphaMethylstyrene)	98839	California Proposition 65 listed for cancer	
2-PHENYLPROPENE	aMethylstyrene	98839	Listed as an IARC Group 2B Carcinogen	
2-PHENYLPROPENE	αMethyl styrene (alphaMethylstyrene)	98839	California Prop65 Chemical (cancer)	
2-PICOLINE, 5-ETHYL-	5Ethyl2methylpyridine	104905	Classified as 'toxic in contact with skin' (GHS H311).	
2-PICOLINE, 5-ETHYL-	5Ethyl2methylpyridine	104905	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PICOLINE, 5-ETHYL-	5Ethyl2methylpyridine	104905	Classified as 'toxic if inhaled' (GHS H331).	
2-PICOLINIUM, 1-((4-AMINO-2-PROPYL-5-PYRIDINYL)METHYL)-, CHLORIDE, MONOHYDROCHLORIDE	Amprolium	137882	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
2-PICOLINIUM, 1-((4-AMINO-2-PROPYL-5-PYRIDINYL)METHYL)-, CHLORIDE, MONOHYDROCHLORIDE	Amprolium	137882	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
2-PIPERAZIN-1-YLETHYLAMINE	2piperazin1ylethylamine	140318	Classified as 'toxic in contact with skin' (GHS H311).	
2-PIPERAZIN-1-YLETHYLAMINE	2piperazin1ylethylamine	140318	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PIPERIDINEACETIC ACID, ALPHA-PHENYL-, METHYL ESTER	Methylphenidate (INN) and its salts	113451	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-PIPERIDINEACETIC ACID, ALPHA-PHENYL-, METHYL ESTER	Methylphenidate and its salts	113451	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-PIPERIDINEMETHANOL, ALPHA,ALPHA-DIPHENYL-	Pipradrol (INN) and its salts	467607	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2-PIPERIDINEMETHANOL, ALPHA,ALPHA-DIPHENYL-	Pipradrol and its salts	467607	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-PROPANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYLETHYL)-, HYDROCHLORIDE	2chloroethyl-diisopropylammonium chloride	4261681	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-PROPANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYLETHYL)-, HYDROCHLORIDE	2chloroethyl-diisopropylammonium chloride	4261681	Classified as 'fatal in contact with skin' (GHS H310).	
2-PROPANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYLETHYL)-, HYDROCHLORIDE	2chloroethyl-diisopropylammonium chloride	4261681	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANAMINE, N-(2-CHLOROETHYL)-N-(1-METHYLETHYL)-, HYDROCHLORIDE	2chloroethyl-diisopropylammonium chloride	4261681	Classified as 'fatal if inhaled' (GHS H330).	
2-PROPANOL, 1-BUTOXY-3-(2-PROPENYLOXY)-	1(allyloxy)3butoxypropan2ol	53146455	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-PROPANOL, 1-BUTOXY-3-(2-PROPENYLOXY)-	1(allyloxy)3butoxypropan2ol	53146455	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANOL, 1,1,1,3,3,3-HEXAFLUORO-	1,1,1,3,3,3hexafluoropropan2ol	920661	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANOL, 1,3-DICHLORO-, PHOSPHATE (3:1)	Tris(1,3dichloro2propyl) phosphate (TDCPP)	13674878	California Proposition 65 listed for cancer	
2-PROPANOL, 1,3-DICHLORO-, PHOSPHATE (3:1)	Tris[2chloro1(chloromethyl)ethyl] phosphate	13674878	Classified as 'suspected of causing cancer' (GHS H351).	
2-PROPANOL, 2-METHYL-, LITHIUM SALT	Lithium 2methylpropan2olate	1907331	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANONE, 1-CHLORO-	Chloroacetone	78955	Classified as 'fatal in contact with skin' (GHS H310).	
2-PROPANONE, 1-CHLORO-	Chloroacetone	78955	Classified as 'toxic in contact with skin' (GHS H311).	
2-PROPANONE, 1-CHLORO-	Chloroacetone	78955	Classified as 'fatal if inhaled' (GHS H330).	
2-PROPANONE, 1-CHLORO-	Chloroacetone	78955	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PROPANONE, 1-PHENYL-	Phenyl acetone (Methyl benzyl ketone)	103797	Prohibited by the International Fragrance Association for use in fragrance.	
2-PROPANONE, 1,1-DICHLORO-	1,1dichloroacetone	513882	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANONE, 1,1-DICHLORO-	1,1dichloroacetone	513882	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PROPANONE, 1,1,1,3,3,3-HEXAFLUORO-	Hexafluoroacetone [Basis for listing changed effective June 6, 2014]	684162	California Proposition 65 listed for developmental, male	
2-PROPANONE, 1,1,3-TRICHLORO-	1,1,3trichloroacetone	921039	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANONE, 1,1,3-TRICHLORO-	1,1,3trichloroacetone	921039	Classified as 'fatal if inhaled' (GHS H330).	
2-PROPANONE, 1,1,3-TRICHLORO-	1,1,3trichloroacetone	921039	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'suspected of causing genetic defects' (GHS H341).	
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'fatal in contact with skin' (GHS H310).	
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'toxic in contact with skin' (GHS H311).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'fatal if inhaled' (GHS H330).	
2-PROPANONE, 1,3-DICHLORO-	1,3dichloroacetone	534076	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PROPANONE, REACTION PRODUCTS WITH DIPHENYLAMINE	2Propanone, reaction products with diphenylamine	68412486	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PROPEN-1-AMINE, N-2-PROPENYL-	Diallylamine	124027	Classified as 'toxic in contact with skin' (GHS H311).	
2-PROPEN-1-AMINE, N-2-PROPENYL-	Diallylamine	124027	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPEN-1-AMINE, N-2-PROPENYL-	Diallylamine	124027	Classified as 'toxic if inhaled' (GHS H331).	
2-PROPEN-1-AMINE, N-ETHYL-2-METHYL-	Nethylmethacrylamine	18328900	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPENAMIDE, REACTION PRODUCTS WITH FORMALDEHYDE-MELAMINE POLYMER BU ME PENTYL ETHER	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
2-PROPENE-1,1-DIOL, DIACETATE	Allylidene di(acetate)	869294	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPENE-1,1-DIOL, DIACETATE	Allylidene di(acetate)	869294	Classified as 'toxic if inhaled' (GHS H331).	
2-PROPENOIC ACID, (TETRAHYDRO-2-FURANYL)METHYL ESTER	Tetrahydrofurfuryl acrylate	2399486	Classified as 'may damage fertility or the unborn child' (GHS H360).	
2-PROPENOIC ACID, (TETRAHYDRO-2-FURANYL)METHYL ESTER	Tetrahydrofurfuryl acrylate	2399486	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPENOIC ACID, 2-(2-ETHOXYETHOXY)ETHYL ESTER	2(2ethoxyethoxy)ethyl acrylate	7328178	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH TRIBUTYL((2-METHYL-1-OXO-2-PROPENYL)	2propenoic acid, 2methyl, methyl ester = Stannane, tributylmeacrylate	26354187	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
2-PROPENOIC ACID, 3-(TRIMETHOXSILYL)PROPYL ESTER	3(trimethoxysilyl)propyl prop2enoate	4369146	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-Propenoic acid, homopolymer, 2-mercaptoethanol terminated, sodium salt	2Propenoic acid, homopolymer, 2mercaptoethanol terminated, sodium salt	114739923	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-Propenoic acid, homopolymer, sodium salt, isotactic	2propenoic acid, homopolymer, sodium salt, isotactic	28603114	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2-PROPENOIC ACID, MONOESTER WITH 1,2(OR 3)-PROPANEDIOL, MIXTURE OF ISOMERS	Acrylic acid, monoester with propane1,2diol	25584832	Classified as 'toxic in contact with skin' (GHS H311).	
2-PROPENOIC ACID, MONOESTER WITH 1,2(OR 3)-PROPANEDIOL, MIXTURE OF ISOMERS	Acrylic acid, monoester with propane1,2diol	25584832	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPENOIC ACID, MONOESTER WITH 1,2(OR 3)-PROPANEDIOL, MIXTURE OF ISOMERS	Acrylic acid, monoester with propane1,2diol	25584832	Classified as 'toxic if inhaled' (GHS H331).	
2-PROPOXYETHANOL	2(propyloxy)ethanol	2807309	Classified as 'toxic if inhaled' (GHS H331).	
2-PROPYNYLAMINE, N,N-DIETHYL-	N,Ndiethyl2propynylamine	4079689	Classified as 'toxic in contact with skin' (GHS H311).	
2-PROPYNYLAMINE, N,N-DIETHYL-	N,Ndiethyl2propynylamine	4079689	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PROPYNYLAMINE, N,N-DIETHYL-	N,Ndiethyl2propynylamine	4079689	Classified as 'toxic if inhaled' (GHS H331).	
2-PYRAZOLIN-5-ONE, 3-METHYL-	2,4dihydro5methyl3Hpyrazol3one	108269	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PYRIDINAMINE, 3-CHLORO-N-(3-CHLORO-2,6-DINITRO-4-(TRIFLUOROMETHYL)PHENYL)-5-	Fluazinam	79622596	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
2-PYRIDINAMINE, 3-CHLORO-N-(3-CHLORO-2,6-DINITRO-4-(TRIFLUOROMETHYL)PHENYL)-5-	Fluazinam	79622596	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
2-PYRIDINEACETAMIDE, ALPHA-(2-(DIISOPROPYLAMINO)ETHYL)-ALPHA-PHENYL-	Disopyramide	37370905	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-PYRIDINECARBOXAMIDE, 4-(4-(((4-CHLORO-3-(TRIFLUOROMETHYL)PHENYL)AMINO)CARBONYL)AMINO)	4[4(((4chloro3(trifluoromethyl)phenyl)carbamoyl)amino)phenoxy]Nmethylp yridine2carboxamide	284461730	Classified as 'suspected of causing cancer' (GHS H351).	
2-PYRIDINECARBOXAMIDE, 4-(4-(((4-CHLORO-3-(TRIFLUOROMETHYL)PHENYL)AMINO)CARBONYL)AMINO)	4[4(((4chloro3(trifluoromethyl)phenyl)carbamoyl)amino)phenoxy]Nmethylp yridine2carboxamide	284461730	Classified as 'may damage fertility or the unborn child' (GHS H360).	
2-PYRIDINECARBOXAMIDE, 4-(4-(((4-CHLORO-3-(TRIFLUOROMETHYL)PHENYL)AMINO)CARBONYL)AMINO)	4[4(((4chloro3(trifluoromethyl)phenyl)carbamoyl)amino)phenoxy]Nmethylp yridine2carboxamide	284461730	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-PYRIDINECARBOXAMIDE, 4-(4-(((4-CHLORO-3-(TRIFLUOROMETHYL)PHENYL)AMINO)CARBONYL)AMINO)	4[4(((4chloro3(trifluoromethyl)phenyl)carbamoyl)amino)phenoxy]Nmethylp yridine2carboxamide	284461730	Classified as 'may cause harm to breastfed children' (GHS H362).	
2-PYRIDINECARBOXAMIDE, 4-(4-(((4-CHLORO-3-(TRIFLUOROMETHYL)PHENYL)AMINO)CARBONYL)AMINO)	4[4(((4chloro3(trifluoromethyl)phenyl)carbamoyl)amino)phenoxy]Nmethylp yridine2carboxamide	284461730	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PYRIDINECARBOXYLIC ACID, 4-AMINO-3,6-DICHLORO-	4amino3,6dichloropyridine2carboxylic acid	150114719	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PYRIDINECARBOXYLIC ACID, CHROMIUM SALT	Chromium Compounds	14639259	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
2-PYRIDINEPROPANAMINE, GAMMA-(4-BROMOPHENYL)-N,N-DIMETHYL-	Brompheniramine (INN) and its salts	86226	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2-PYRIDINOPROPANAMINE, GAMMA-(4-BROMOPHENYL)-N,N-DIMETHYL-	Brompheniramine and its salts	86226	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2-PYRIDINESULFONAMIDE, N-(((4,6-DIMETHOXY-2-PYRIMIDINYL)AMINO)CARBONYL)-3-(2,2,2-	sodium (4,6dimethoxyypyrimidin2yl)(((3(2,2,2trifluoroethoxy)pyridin2yl)sulfonyl)carbonyl)azanide	199119589	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PYRIMIDINAMINE, 4-METHYL-N-PHENYL-6-(1-PROPYNYL)-	4methylNphenyl6(prop1yn1yl)pyrimidin2amine	110235477	Classified as 'suspected of causing cancer' (GHS H351).	
2-PYRIMIDINAMINE, 4-METHYL-N-PHENYL-6-(1-PROPYNYL)-	4methylNphenyl6(prop1yn1yl)pyrimidin2amine	110235477	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-PYRIMIDINAMINE, 4-METHYL-N-PHENYL-6-(1-PROPYNYL)-	Mepanipyrim	110235477	California Proposition 65 listed for cancer	
2-PYRROLIDINONE, 1-CYCLOHEXYL-	Ncyclohexyl2pyrrolidone	6837247	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-PYRROLIDINONE, 1-ETHYL-	1ethylpyrrolidin2one	2687914	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-PYRROLIDINONE, 3-CHLORO-4-(CHLOROMETHYL)-1-(3-(TRIFLUOROMETHYL)PHENYL)-	2-PYRROLIDINONE, 3-CHLORO-4-(CHLOROMETHYL)-1-(3-(TRIFLUOROMETHYL)PHENYL)-	61213250	Europe prohibits this ingredient in cosmetics	
2-TERT-BUTYL-5-(4-TERT-BUTYLBENZYLTHIO)-4-CHLOROPYRIDAZIN-3(2H)-ONE	2tertbutyl5(4tertbutylbenzylthio)4chloropyridazin3(2H)one	96489713	Classified as 'toxic if inhaled' (GHS H331).	
2-TERT-BUTYL-5-(4-TERT-BUTYLBENZYLTHIO)-4-CHLOROPYRIDAZIN-3(2H)-ONE	2tertbutyl5(4tertbutylbenzylthio)4chloropyridazin3(2H)one	96489713	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2-tert-BUTYL-p-CRESOL	2tertButylpcresol	2409554	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-tert-BUTYLHYDROQUINONE METHYL ETHER	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'may cause cancer' (GHS H350).	
2-tert-BUTYLHYDROQUINONE METHYL ETHER	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'suspected of causing cancer' (GHS H351).	
2-tert-BUTYLHYDROQUINONE METHYL ETHER	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2-trans-Dodecenal	(E)dodec2en1al	20407845	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2-trans-Dodecenal	(E)dodec2en1al	20407845	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,1,3-BENZOTHIADIAZOLE, 5-CHLORO-4-(2-IMIDAZOLIN-2-YLAMINO)-	5chloroN(4,5dihydro1Himidazol2yl)2,1,3benzothiadiazol4amine	51322759	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2,12-Tridecadienenitrile (2E)-	A mixture of: (E)2,12tridecadiennitrile; (E)3,12tridecadiennitrile; (Z)3,12tridecadiennitrile	124071405	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,2-DIBROMO-2-NITROETHANOL	2,2 Dibromo2nitroethanol	69094184	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,2-DICHLORO-1-METHYLCYCLOPROPYL-BENZENE	2,2Dichloro1methylcyclopropylbenzene	3591422	Prohibited by the International Fragrance Association for use in fragrance.	
2,2-dimethylpropan-1-ol,tribromo derivative; 3-bromo-2,2-bis(bromomethyl)propan-1-ol	2,2-dimethylpropan-1-ol,tribromo derivative; 3-bromo-2,2-bis(bromomethyl)propan-1-ol	36483-57-5/1522-92-5	This ingredient is banned the European Union	X
2,2,4-TRIMETHYL-1,3-PENTANEDIOL	Trimethyl1,3Pentadiol	144194	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
2,2'-((3,3',5,5'-TETRAMETHYL-1,1'-BIPHENYL)-4,4'-DIYL)-BIS(OXYMETHYLENE)-BIS-OXIRANE	2,2'((3,3',5,5'tetramethyl(1,1'biphenyl)4,4'diyl)bis(oxyethylene)bisoxirane	85954116	Classified as 'suspected of causing cancer' (GHS H351).	
2,2'-(NITROSOIMINO)BISETHANOL	<N>/>Nitrosodiethanolamine	1116547	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7, 77 2000)	
2,2'-(NITROSOIMINO)BISETHANOL	NNitrosodiethanolamine	1116547	California Proposition 65 listed for cancer	
2,2'-(NITROSOIMINO)BISETHANOL	NNitrosodiethanolamine	1116547	EPA IRIS 'probable carcinogen'.	
2,2'-(NITROSOIMINO)BISETHANOL	NNitrosodiethanolamine (see NNitrosamines: 15 listings)	1116547	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,2'-(NITROSOIMINO)BISETHANOL	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2,2'-(NITROSOIMINO)BISETHANOL	Nitrosamines e.g. Dimethylnitrosoamine; Nitrosodipropylamine; 2,2'(Nitrosoimino)bisethanol	62759; 621647; 1116547	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,2'-(NITROSOIMINO)BISETHANOL	NNitrosodiethanolamine	1116547	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2,2'-AZOBIS[2-METHYLPROPIONAMIDINE] DIHYDROCHLORIDE	2,2'azobis[2methylpropionamidine] dihydrochloride	2997924	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,2'-BIOXIRANE	2,2' Bioxirane (1,2:3,4Diepoxybutane)	1464535	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,2'-BIOXIRANE	Diepoxybutane	1464535	California Proposition 65 listed for cancer	
2,2'-BIOXIRANE	Diepoxybutane	1464535	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,2'-BIOXIRANE	Diepoxybutane	1464535	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2,2'-BIPHENYLDISULFONIC ACID, 4,4'-DIAMINO-	Benzidine2'disulphonic acid	117613	Classified as 'suspected of causing cancer' (GHS H351).	
2,2'-BIPYRIDINE	2,2'bipyridyl	366187	Classified as 'toxic in contact with skin' (GHS H311).	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4' Methylene bis(2chloroaniline) and its salts; 2,2'Dichloro4,4'methylenedianiline and its salts	101144	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'Methylene bis(2chloroaniline)	101144	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'Methylenebis(2chloroaniline)	101144	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'Methylenebis(2chloroaniline) (MOCA)	101144	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 57, 99, 100F 2012)	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'methylenebis[2chloroaniline]	101144	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'methylenebis[2chloroaniline]	101144	Classified as 'may cause cancer' (GHS H350).	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'methylenebis[2chloroaniline]	101144	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,2'-DICHLORO-4,4'-METHYLENEDIANILINE	4,4'Methylenebis(2chloroaniline)	101144	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2,2'-DIMETHYL-4,4'-METHYLENEBIS(CYCLOHEXYLAMINE)	2,2'dimethyl4,4'methylenebis(cyclohexylamine)	6864375	Classified as 'toxic in contact with skin' (GHS H311).	
2,2'-DIMETHYL-4,4'-METHYLENEBIS(CYCLOHEXYLAMINE)	2,2'dimethyl4,4'methylenebis(cyclohexylamine)	6864375	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,2'-DIMETHYL-4,4'-METHYLENEBIS(CYCLOHEXYLAMINE)	2,2'dimethyl4,4'methylenebis(cyclohexylamine)	6864375	Classified as 'fatal if inhaled' (GHS H330).	
2,2'-DIMETHYL-4,4'-METHYLENEBIS(CYCLOHEXYLAMINE)	2,2'dimethyl4,4'methylenebis(cyclohexylamine)	6864375	Classified as 'toxic if inhaled' (GHS H331).	
2,2'-IMINODIETHYLAMINE	2,2'iminodi(ethylamine)	111400	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,2'-IMINODIETHYLAMINE	2,2'iminodi(ethylamine)	111400	Classified as 'fatal if inhaled' (GHS H330).	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-BIS(2-HYDROXYETHYL)AMINO-S-TRIAZIN-2-YL)	C.I. Fluorescent Brightener 28	4193559	Optical brightening ingredients are not permitted in EWG Verified.	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-BIS(2-HYDROXYETHYL)AMINO-S-TRIAZIN-2-YL)	C.I. Fluorescent Brightener 28, sodium salt	4193559	Non FDA approved colorant.	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-MORPHOLINO-S-TRIAZIN-2-YL)AMINO)-, SODIUM SALT	CI Fluorescent Brightner 71, 244, 250, or260	16090021	Optical brightening ingredients are not permitted in EWG Verified.	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-MORPHOLINO-S-TRIAZIN-2-YL)AMINO)-, SODIUM SALT	Disodium Diaminostilbene Disulfonate	16090021	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-MORPHOLINO-S-TRIAZIN-2-YL)AMINO)-, SODIUM SALT	Disodium Diaminostilbene Disulfonate	16090021	Classified as persistent in the Detergents Ingredients Database (DIDlist) and classified as 'harmful to aquatic life with long lasting effects' (GHS H412).	
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS(4-ANILINO-6-MORPHOLINO-S-TRIAZIN-2-YL)AMINO)-, SODIUM SALT	FWA1	16090021	Non FDA approved colorant.	
2,3-BIS((2-MERCAPTOETHYL)THIO)-1-PROPANETHIOL	2,3bis((2mercaptoethyl)thio)1propanethiol	131538006	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2,3-BIS((2-MERCAPTOETHYL)THIO)-1-PROPANETHIOL	2,3bis((2mercaptoethyl)thio)1propanethiol	131538006	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,3-BUTANEDIOL, 2-(P-CHLOROPHENYL)-3-METHYL-	Phenaglycodol	79936	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2,3-BUTANEDIOL, 2-(P-CHLOROPHENYL)-3-METHYL-	Phenaglycodol (INN)	79936	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-DIBROMOPROPAN-1-OL	2,3 Dibromopropan1ol	96139	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromo1propanol	96139	California Proposition 65 listed for cancer	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromo1propanol	96139	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromopropan1ol	96139	Classified as 'may cause cancer' (GHS H350).	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromopropan1ol	96139	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromopropan1ol	96139	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77 2000)	
2,3-DIBROMOPROPAN-1-OL	2,3Dibromo1propanol	96139	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2,3-DICHLOROPROPENE	2,3 Dichloropropene	78886	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-DICHLOROPROPENE	2,3dichloropropene	78886	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,3-DINITROTOLUENE	2,3 Dinitrotoluene	602017	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-EPOXYPROPAN-1-OL	2,3 Epoxypropan1ol (Glycidol)	556525	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-EPOXYPROPAN-1-OL	2,3epoxypropan1ol	556525	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,3-EPOXYPROPAN-1-OL	2,3epoxypropan1ol	556525	Classified as 'may cause cancer' (GHS H350).	
2,3-EPOXYPROPAN-1-OL	2,3epoxypropan1ol	556525	Classified as 'fatal if inhaled' (GHS H330).	
2,3-EPOXYPROPAN-1-OL	2,3epoxypropan1ol	556525	Classified as 'toxic if inhaled' (GHS H331).	
2,3-EPOXYPROPAN-1-OL	Glycidol	556525	California Proposition 65 listed for cancer	
2,3-EPOXYPROPAN-1-OL	Glycidol	556525	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,3-EPOXYPROPAN-1-OL	Glycidol	556525	Probably carcinogenic to humans' IARC (Category 2A, Volume 77 2000)	
2,3-EPOXYPROPAN-1-OL	Glycidol	556525	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2,3-EPOXYPROPYL METHACRYLATE	2,3epoxypropyl methacrylate	106912	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,3-EPOXYPROPYL METHACRYLATE	2,3epoxypropyl methacrylate	106912	Classified as 'may cause cancer' (GHS H350).	
2,3-EPOXYPROPYL METHACRYLATE	2,3epoxypropyl methacrylate	106912	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-EPOXYPROPYL METHACRYLATE	GLYCIDYL METHACRYLATE	106912	Listed as an IARC Group 2A Carcinogen	
2,3-HEXANEDIONE, 5-METHYL-	5 Methyl2,3hexanedione (Acetyl isovaleryl), when used as a fragrance ingredient	13706860	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-HEXANEDIONE, 5-METHYL-	5METHYL2,3HEXANEDIONE	13706860	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2,3-HEXANEDIONE, 5-METHYL-	Acetyl isovaleryl (5Methyl2,3hexanedione)	13706860	Prohibited by the International Fragrance Association for use in fragrance.	
2,3-NAPHTHALENIEDIOL	2,3 Naphthalenediol, when used as a substance in hair dye products	92444	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3-PYRIDINEDICARBOXYLIC ACID	Pyridine2,3dicarboxylic acid	89009	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-XYLENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	526750	Classified as 'may cause genetic defects' (GHS H340).	
2,3-XYLENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	526750	Classified as 'may cause cancer' (GHS H350).	
2,3-XYLENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	526750	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2,3-XYLENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	526750	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-XYLENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	526750	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,3-XYLENOL	2,3xyleneol	526750	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-XYLENOL	2,3xyleneol	526750	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,3-XYLIDINE	2,3xylidine	87592	Classified as 'toxic in contact with skin' (GHS H311).	
2,3-XYLIDINE	2,3xylidine	87592	Classified as 'toxic if inhaled' (GHS H331).	
2,3,4-TRICHLOROBUT-1-ENE	2,3,4 Trichlorobut1ene	2431507	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,3,4-TRICHLOROBUT-1-ENE	2,3,4trichlorobut1ene	2431507	Classified as 'suspected of causing cancer' (GHS H351).	
2,3,4-TRICHLOROBUT-1-ENE	2,3,4trichlorobut1ene	2431507	Classified as 'toxic if inhaled' (GHS H331).	
2,3,4-TRICHLOROBUT-1-ENE	2,3,4trichlorobut1ene	2431507	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,3,4,5-TETRACHLOROBENZOYLCHLORIDE	2,3,4,5tetrachlorobenzoyl chloride	42221523	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,3,4,5-TETRACHLOROBENZOYLCHLORIDE	2,3,4,5tetrachlorobenzoylchloride	42221523	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,3,5-TRIMETHYLHYDROQUINONE	2,3,5trimethylhydroquinone	700130	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,3,6-TRIMETHYLPHENOL	2,3,6Trimethylphenol	2416946	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4-D	2,4D (2,4dichlorophenoxyacetic acid) (See also Chlorophenoxy herbicides)	94757	Possibly carcinogenic to humans' IARC (Category 2B, Volume 113 2018)	
2,4-D	2,4D (2,4dichlorophenoxyacetic acid) (See also Chlorophenoxy herbicides)	94757	Listed as an IARC Group 2B Carcinogen	
2,4-DB	2,4D butyric acid [Click here for the basis for the removal of developmental endpoint, effective June 22, 2001]	94826	California Proposition 65 listed for developmental, male	
2,4-DB	2,4dichlorophenoxybutyric acid = 2,4DB	94826	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
2,4-DIAMINO-5-METHYLPHENOLE HCL	2,4 Diamino5methylphenetol and its HCl salt, when used as a substance in hair dye products	113715256	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DIAMINO-5-METHYLPHENOXYETHANOL	2,4 Diamino5methylphenoxyethanol and its salts, when used as a substance in hair dye products	141614053; 113715278	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DIAMINO-5-METHYLPHENOXYETHANOL HCL	2,4 Diamino5methylphenoxyethanol and its salts, when used as a substance in hair dye products	141614053; 113715278	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DIAMINOANISOLE SULFATE	2,4Diaminoanisol sulfate	39156417	California Proposition 65 listed for cancer	
2,4-DIAMINOANISOLE SULFATE	2,4Diaminoanisol sulfate	39156417	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,4-DIAMINOANISOLE SULFATE	4Methoxyphenylenediamine and its sulfate salts	615054; 39156417; 6219676	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2,4-DIAMINOANISOLE SULFATE	2,4Diaminoanisol sulfate	39156417	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2,4-DIAMINODIPHENYLAMINE	2,4 Diaminodiphenylamine, when used as a substance in hair dye products	136174	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DIAMINOPHENOL	1 Hydroxy2,4diaminobenzene (2,4Diaminophenol) and its dihydrochloride salts (2,4Diaminophenol HCl) when used as a substance in hair dye products	95863; 137097	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DIAMINOPHENOL HCL	1 Hydroxy2,4diaminobenzene (2,4Diaminophenol) and its dihydrochloride salts (2,4Diaminophenol HCl) when used as a substance in hair dye products	95863; 137097	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DICHLORO-3-ETHYL-6-NITROPHENOL	2,4dichloro3ethyl6nitrophenol	99817364	Classified as 'toxic to aquatic life with long lasting effect' (GHS H410).	
2,4-DICHLOROPHENOL	2,4dichlorophenol	120832	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-DICHLOROPHENOL	2,4dichlorophenol	120832	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4-Dimethyl-2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-1,3-dioxolane	A mixture of: trans2,4dimethyl2(5,6,7,8tetrahydro5,5,8,8tetramethylnaphthalene2yl)1,3dioxolane; cis2,4dimethyl2(5,6,7,8tetrahydro5,5,8,8tetramethylnaphthalene2yl)1,3dioxolane	131812516; 131812527; 131812674	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,4-DINITROPHENOL	Dinitrophenol isomers	51285; 329715; 573568; 25550587	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DINITROTOLUENE	2,4 Dinitrotoluene [1]; Dinitrotoluene [2], technical grade	121142; 25321146	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4-DINITROTOLUENE	2,4Dinitrotoluene	121142	California Proposition 65 listed for male	
2,4-DINITROTOLUENE	2,4Dinitrotoluene	121142	California Proposition 65 listed for cancer	
2,4-DINITROTOLUENE	2,4Dinitrotoluene	121142	Possibly carcinogenic to humans' IARC (Category 2B, Volume 65 1996)	
2,4-Dodecadien-1-ol, (2E,4E)-	2,4Dodecadien1ol	18485386	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-HEPTADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-Heptadienal (2E,4E)	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-HEXADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-HEXADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-HEXADIENAL	2,4HEXADIENAL	142836	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
2,4-HEXADIENAL	2,4HEXADIENAL	142836	Listed as an IARC Group 2B Carcinogen	
2,4-HEXADIENOL	2,4HEXADIEN1OL	111284; 17102646	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-Octadienal, (E,E)-	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
2,4-OXAZOLIDINEDIONE, 3,5,5-TRIMETHYL-	Trimethadione	127480	California Proposition 65 listed for developmental	
2,4-OXAZOLIDINEDIONE, 5-ETHYL-3,5-DIMETHYL-	Paramethadione	115673	California Proposition 65 listed for developmental	
2,4-PENTANEDIONE, NICKEL(II) DERIV.	Bis(pentane2,4dionatoO,O')nickel	3264822	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,4-PENTANEDIONE, NICKEL(II) DERIV.	Bis(pentane2,4dionatoO,O')nickel	3264822	Classified as 'may cause cancer' (GHS H350).	
2,4-PENTANEDIONE, NICKEL(II) DERIV.	Bis(pentane2,4dionatoO,O')nickel	3264822	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2,4-PENTANEDIONE, NICKEL(II) DERIV.	Nickel Compounds	3264822	Listed on the 14th Report on Carcinogens as a known carcinogen	
2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-	Methyprylon (INN) and its salts	125644	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2,4-PIPERIDINEDIONE, 3,3-DIETHYL-5-METHYL-	Methyprylon and its salts	125644	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2,4-PYRIDINEDIAMINE, 5-(P-CHLOROPHENYL)-6-ETHYL-	Pyrimethamine	58140	California Proposition 65 listed for developmental	
2,4-THIAZOLIDINEDIONE, 5-((4-(2-(5-ETHYL-2-PYRIDINYL)ETHOXY)PHENYL)METHYL)-	Pioglitazone	111025468	California Proposition 65 listed for cancer	
2,4-THIAZOLIDINEDIONE, 5-((4-(2-(5-ETHYL-2-PYRIDINYL)ETHOXY)PHENYL)METHYL)-	Pioglitazone	111025468	Probably carcinogenic to humans' IARC (Category 2A, Volume 108 2016)	
2,4-THIAZOLIDINEDIONE, 5-((4-(2-(5-ETHYL-2-PYRIDINYL)ETHOXY)PHENYL)METHYL)-	Pioglitazone	111025468	Listed as an IARC Group 2A Carcinogen	
2,4-THIAZOLIDINEDIONE, 5-((4-(2-(5-ETHYL-2-PYRIDINYL)ETHOXY)PHENYL)METHYL)-	Pioglitazone	111025468	California Prop65 Chemical (cancer)	
2,4-XYLENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	105679	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,4-XYLENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	105679	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-XYLENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	105679	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4-XYLENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	105679	Classified as 'fatal if inhaled' (GHS H330).	
2,4-XYLENOL	2,4Xylenol	105679	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-XYLENOL	2,4Xylenol	105679	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4-XYLENOL, 6-TERT-BUTYL-	2tertbutyl4,6dimethylphenol; 4tertbutyl2,5dimethylphenol	1879090	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-XYLENOL, 6-TERT-BUTYL-	6tertbutyl2,4xylenol	1879090	Classified as 'fatal in contact with skin' (GHS H310).	
2,4-XYLENOL, 6-TERT-BUTYL-	6tertbutyl2,4xylenol	1879090	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-XYLENOL, 6-TERT-BUTYL-	6tertbutyl2,4xylenol	1879090	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4-XYLENOL, 6-TERT-BUTYL-	6tertbutyl2,4xylenol	1879090	Classified as 'toxic if inhaled' (GHS H331).	
2,4-XYLENOL, 6-TERT-BUTYL-	6tertbutyl2,4xylenol	1879090	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,4-XYLIDINE	2,4Xylidine	95681	Classified as 'toxic in contact with skin' (GHS H311).	
2,4-XYLIDINE	2,4Xylidine	95681	Classified as 'fatal if inhaled' (GHS H330).	
2,4-XYLIDINE	2,4Xylidine	95681	Classified as 'toxic if inhaled' (GHS H331).	
2,4,6-TRI-N-PROPYL-2,4,6-TRIOXO-1,3,5,2,4,6-TRIOXATRIPHOSPHORINANE	2,4,6trinpropyl2,4,6trioxo1,3,5,2,4,6trioxatriphosphorinane	68957948	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4,6-tri-tert-butylphenol	2,4,6-tri-tert-butylphenol	732-26-3	This ingredient is banned the European Union	X
2,4,6-TRICHLORO-1,3,5-TRIAZINE	2,4,6trichloro1,3,5triazine	108770	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4,6-TRICHLORO-1,3,5-TRIAZINE	2,4,6trichloro1,3,5triazine	108770	Classified as 'fatal if inhaled' (GHS H330).	
2,4,6-TRICHLORO-1,3,5-TRIAZINE	2,4,6trichloro1,3,5triazine	108770	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2,4,6-TRICHLOROPHENOL	2,4,6 Trichlorophenol	88062	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,4,6-TRICHLOROPHENOL	2,4,6trichlorophenol	88062	California Proposition 65 listed for cancer	
2,4,6-TRICHLOROPHENOL	2,4,6trichlorophenol	88062	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
2,4,6-TRICHLOROPHENOL	2,4,6trichlorophenol	88062	EPA IRIS 'probable carcinogen'.	
2,4,6-TRICHLOROPHENOL	2,4,6Trichlorophenol (see also Polychlorophenols)	88062	Possibly carcinogenic to humans' IARC (Category 2B, Volume 117 In prep.)	
2,4,6-TRICHLOROPHENOL	Polychlorophenols and their sodium salts (mixed exposures) (see Pentachlorophenol; 2,4,6Trichlorophenol )	88062	Possibly carcinogenic to humans' IARC (Category 2B, Volume 53, 71 1999)	
2,4,6-TRICHLOROPHENOL	2,4,6Trichlorophenol (see also Polychlorophenols)	88062	Listed as an IARC Group 2B Carcinogen	
2,4,6-TRICHLOROPHENOL	2,4,6trichlorophenol	88062	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
2,4,6-TRIMETHYL-3-CYCLOHEXENECARBALDEHYDE	2,4,6Trimethylcyclohex3enecarbaldehyde	1423467	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2,4,6-TRIMETHYLBENZOPHENONE	2,4,6trimethylbenzophenone	954165	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene	118967	Classified as 'suspected of causing genetic defects' (GHS H341).	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene	118967	Classified as 'may cause cancer' (GHS H350).	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene	118967	Classified as 'toxic in contact with skin' (GHS H311).	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene	118967	Classified as 'toxic if inhaled' (GHS H331).	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene (TNT)	118967	California Proposition 65 listed for cancer	
2,4,6-TRINITROTOLUENE	2,4,6Trinitrotoluene (TNT)	118967	EPA IRIS 'possible carcinogen'.	
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	2,4,6tris(dimethylaminomethyl)phenol	90722	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,4,6,8-NONANETETRAENOIC ACID, 9-(4-METHOXY-2,3,6-TRIMETHYLPHENYL)-3,7-DIMETHYL-,ETHYL ESTER,	Etretinate	54350480	California Proposition 65 listed for developmental	
2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-, LITHIUM SALT	Bromacil lithium salt	53404196	California Proposition 65 listed for developmental	
2,4(1H,3H)-PYRIMIDINEDIONE, 5-BROMO-6-METHYL-3-(1-METHYLPROPYL)-, LITHIUM SALT	Bromacil lithium salt	53404196	California Proposition 65 listed for male	
2,5-DINITROTOLUENE	2,5 Dinitrotoluene	619158	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2,5-FURANDIONE, HOMOPOLYMER, SODIUM SALT	Sodium Polymaleate	70247904	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
2,5-Pyrrolidinedione, 1-(1-acetyl-2,2,6,6-tetramethyl-4-piperidinyl)-3-dodecyl-	1acetyl4(3dodecyl2,5dioxo1pyrrolidinyl)2,2,6,6tetramethylpiperidine	106917311	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,5-PYRROLIDINEDIONE, 1-CHLORO-	Nchlorosuccinimide	128096	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,5-XYLENOL	2,5XYLENOL	95874	Classified as 'toxic in contact with skin' (GHS H311).	
2,5-XYLENOL	2,5XYLENOL	95874	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,5-XYLIDINE	2,5Xylidine	95783	Classified as 'toxic in contact with skin' (GHS H311).	
2,5-XYLIDINE	2,5Xylidine	95783	Classified as 'toxic if inhaled' (GHS H331).	
2,5,8,11,14-PENTAOXAPENTADECANE	Bis(2(methoxyethoxy)ethyl) ether	143248	Classified as 'may damage fertility or the unborn child' (GHS H360).	
2,5,8,11,14-PENTAOXAPENTADECANE	2,5,8,11,14-PENTAOXAPENTADECANE	143248	Europe prohibits this ingredient in cosmetics	
2,6-BIS(2-HYDROXYETHOXY)-3,5-PYRIDINEDIAMINE HCL	2,6 Bis(2hydroxyethoxy)3,5pyridinediamine and its HCl salt, when used as a substance in hair dye products	117907423	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,6-DICHLORO-4-TRIFLUOROMETHYLANILINE	2,6dichloro4trifluoromethylaniline	24279398	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,6-Dihydroxy-4-methylbenzaldehyde	2,6 Dihydroxy4methylbenzaldehyde (atranol)	526374	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,6-DIMETHYL-4-HEPTANOL	4Heptanol, 2,6dimethyl	108827	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
2,6-DINITROTOLUENE	2,6 Dinitrotoluene	606202	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2,6-DINITROTOLUENE	2,6dinitrotoluene	606202	California Proposition 65 listed for male	
2,6-DINITROTOLUENE	2,6dinitrotoluene	606202	California Proposition 65 listed for cancer	
2,6-DINITROTOLUENE	2,6dinitrotoluene	606202	Possibly carcinogenic to humans' IARC (Category 2B, Volume 65 1996)	
2,6-XYLENOL	2,6XYLENOL	576261	Classified as 'toxic in contact with skin' (GHS H311).	
2,6-XYLENOL	2,6XYLENOL	576261	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,6-XYLIDINE	2,6Dimethylaniline (2,6Xylidine)	87627	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57 1993)	
2,6-XYLIDINE	2,6xylidine	87627	Classified as 'suspected of causing cancer' (GHS H351).	
2,6-XYLIDINE	2,6Xylidine (2,6Dimethylaniline)	87627	California Proposition 65 listed for cancer	
2,7-(EPOXYPENTADECA(1,11,13)TRIENIMINO)NAPHTHO(2,1-B)FURAN-8-CARBOXALDEHYDE, 1,2-DIHYDRO-5,6,	Rifamycin, 3formyl	13292223	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2,7-DIOXA-3,6-DISILAOCTANE, 3,3,6,6-TETRAMETHOXY-	3,3,6,6tetramethoxy2,7dioxo3,6disilaooctane	18406412	Classified as 'fatal if inhaled' (GHS H330).	
2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHOXY-4,4'-BIPHENYLENE)BIS(AZO))BIS(5-AMINO-	C.I. Direct Blue 15	2429745	California Proposition 65 listed for cancer	
2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHOXY-4,4'-BIPHENYLENE)BIS(AZO))BIS(5-AMINO-	CI Direct Blue 15	2429745	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57 1993)	
2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHYL-4,4'-BIPHENYLENE)BIS(AZO))BIS(5-AMINO-	Trypan blue	72571	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
2,7-NAPHTHALENEDISULFONIC ACID, 3,3'-((3,3'-DIMETHYL-4,4'-BIPHENYLENE)BIS(AZO))BIS(5-AMINO-	Trypan blue (commercial grade)	72571	California Proposition 65 listed for cancer	
2,7-NAPHTHALENEDISULFONIC ACID, 3,6-BIS(4-((2-HYDROXYETHYL)SULFONYL)PHENYL)BIS(AZO))-5-AMINO-	Tetrasodium 4amino5hydroxy3,6bis[[4[[2(sulphonatooxy)ethyl]sulphonyl]phenyl]azo]naphthalene2,7disulphonate	17095248	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2,7-NAPHTHALENEDISULFONIC ACID, 4-AMINO-5-HYDROXY-	4amino5hydroxynaphthalene2,7disulphonic acid	90200	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2,7-NAPHTHALENEDISULFONIC ACID, 4-HYDROXY-3-((4'-((2-HYDROXY-1-NAPHTHALENYL)AZO)-2,2'-	2,7NAPHTHALENEDISULFONIC ACID, 4HYDROXY3[[4'((2HYDROXY1NAPHTHALENYL)AZO)2,2'DIMETHYL[1,1'BIPHENYL]4YL]AZO)], DISODIUM SALT	3701404	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
2'-ACETONAPHTHONE, 3'-ETHYL-5',6',7',8'-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-	2'Acetonaphthone, 3'Ethyl5',6',7',8'Tetrahydro5',5',8',8'Tetramethyl	88299	Synthetic musk fragrances contaminate the environment and are detected in humans.	
2'-ACETONAPHTHONE, 3'-ETHYL-5',6',7',8'-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-	3' Ethyl5',6',7',8'tetrahydro5',5',8',8'tetramethyl2'acetoneaphthone or 7acetyl6ethyl1,1,4,4tetramethyl1,2,3,4tetrahydronaphthalen (AETT; Versalide)	88299	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2'-ACETONAPHTHONE, 3'-ETHYL-5',6',7',8'-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-	Acetyl ethyl tetramethyl tetralin (AETT, Versalide)	88299	Prohibited by the International Fragrance Association for use in fragrance.	
2'-ACETONAPHTHONE, 3'-ETHYL-5',6',7',8'-TETRAHYDRO-5',5',8',8'-TETRAMETHYL-	Versalide	88299	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2'H-ANDROST-2-ENO(3,2-C)PYRAZOL-17-OL, 17-METHYL-, (15-ALPHA,17-BETA)-	Stanozolol	10418038	California Proposition 65 listed for cancer	
2(5H)-FURANONE, 3-CHLORO-4-DICHLOROMETHYL-5-HYDROXY-	3Chloro4(dichloromethyl)5hydroxy2(5<H</>)furanone	77439760	Possibly carcinogenic to humans' IARC (Category 2B, Volume 84 2004)	
2(5H)-FURANONE, 3-CHLORO-4-DICHLOROMETHYL-5-HYDROXY-	MIDS; Reaction mass of 2,3xlylenol and 3,5xlylenol and 3ethylphenol and 4ethylphenol; Reaction mass of 2,3xlylenol and 3,5xlylenol and 3ethylphenol and 4ethylphenol; Mid Boiling Xylenols; MIDS; MX	77439760	Classified as 'toxic in contact with skin' (GHS H311).	
2(5H)-FURANONE, 3-CHLORO-4-DICHLOROMETHYL-5-HYDROXY-	MIDS; Reaction mass of 2,3xlylenol and 3,5xlylenol and 3ethylphenol and 4ethylphenol; Reaction mass of 2,3xlylenol and 3,5xlylenol and 3ethylphenol and 4ethylphenol; Mid Boiling Xylenols; MIDS; MX	77439760	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
2(5H)-FURANONE, 3-CHLORO-4-DICHLOROMETHYL-5-HYDROXY-	MX (3chloro4dichloromethyl5hydroxy2(5H)furanone)	77439760	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2BUTENAL	Crotonaldehyde	4170303	Classified as 'suspected of causing genetic defects' (GHS H341).	
2BUTENAL	Crotonaldehyde	4170303	Classified as 'fatal in contact with skin' (GHS H310).	
2BUTENAL	Crotonaldehyde	4170303	Classified as 'toxic in contact with skin' (GHS H311).	
2BUTENAL	Crotonaldehyde	4170303	Classified as 'fatal if inhaled' (GHS H330).	
2BUTENAL	Crotonaldehyde [1]; (E) crotonaldehyde [2]	4170303; 123739	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-1-BENZOPYRAN-2-METHANOL, ALPHA,ALPHA'-(IMINOBIS(METHYLENE))BIS(6-FLUORO-3,4-DIHYDRO-,	2H1Benzopyran2methanol, a,a'[iminobis(methylene)]bis[6fluoro3,4dihydro, (aR,a'R,2R,2'S)rel; 2H1Benzopyran2methanol, a,a'[iminobis(methylene)]bis[6fluoro3,4dihydro, (R,R,2R,2'S)rel; 2H1Benzopyran2methanol, a,a'[iminobis(me	118457140	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-3-(4-(4-(TRIFLUOROMETHYL)PHENYL)	A mixture of: cis4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin; trans4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin	90035088	Classified as 'fatal in contact with skin' (GHS H310).	
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-3-(4-(4-(TRIFLUOROMETHYL)PHENYL)	A mixture of: cis4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin; trans4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin	90035088	Classified as 'fatal if inhaled' (GHS H330).	
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-3-(4-(4-(TRIFLUOROMETHYL)PHENYL)	A mixture of: cis4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin; trans4hydroxy3(1,2,3,4tetrahydro3(4(4trifluoromethylbenzyloxy)phenyl)1naphthyl)coumarin	90035088	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-3-(4-(4-(TRIFLUOROMETHYL)PHENYL)	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(1,2,3,4-TETRAHYDRO-3-(4-(4-(TRIFLUOROMETHYL)PHENYL)	900350808	Europe prohibits this ingredient in cosmetics	
2H-1-BENZOPYRAN-2-ONE, 7-METHOXY-	7 Methoxycoumarin, when used as a fragrance ingredient	531599	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-1-BENZOPYRAN-2-ONE, 7-METHOXY-	7Methoxycoumarin	531599	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2H-1-BENZOPYRAN-2-ONE, 7-METHOXY-	7Methoxycoumarin	531599	Prohibited by the International Fragrance Association for use in fragrance.	
2H-1-BENZOTHIOPYRAN-2-ONE, 3-(3-(4'-BROMO(1,1'-BIPHENYL)-4-YL)-1,2,3,4-TETRAHYDRO-1-	2H-1-BENZOTHIOPYRAN-2-ONE, 3-(3-(4'-BROMO(1,1'-BIPHENYL)-4-YL)-1,2,3,4-TETRAHYDRO-1-	104653341	Europe prohibits this ingredient in cosmetics	
2H-1,2-BENZOTHIADIAZINE-3-CARBOXYLIC ACID, 4-HYDROXY-2-METHYL-, ETHYL ESTER, 1,1-DIOXIDE	Ethyl 4hydroxy2methyl2H1,2benzothiazine3carboxylate 1,1dioxide	24683269	Classified as 'toxic if inhaled' (GHS H331).	
2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3-BENZYL-3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-,1,1-DIOXIDE	Bendroflumethiazide (INN) and its derivatives	73483	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 3-BENZYL-3,4-DIHYDRO-6-(TRIFLUOROMETHYL)-,1,1-DIOXIDE	Bendroflumethiazide and its derivatives	73483	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3,4-DIHYDRO-, 1,1-DIOXIDE	Hydrochlorothiazide	58935	Possibly carcinogenic to humans' IARC (Category 2B, Volume 50, 108 2016)	
2H-1,2,4-BENZOTHIADIAZINE-7-SULFONAMIDE, 6-CHLORO-3,4-DIHYDRO-, 1,1-DIOXIDE	Hydrochlorothiazide	58935	Listed as an IARC Group 2B Carcinogen	
2H-1,2,4-BENZOTHIADIAZINE, 7-CHLORO-3-METHYL-, 1,1-DIOXIDE	Diazoxide	364987	California Proposition 65 listed for developmental	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide	50180	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide	50180	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide	50180	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide	6055192	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide (anhydrous)	50180	California Proposition 65 listed for cancer	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide (anhydrous)	50180	California Proposition 65 listed for developmental, female, male	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide (INN) and its salts	50180	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide and its salts	50180	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2H-1,3,2-OXAZAPHOSPHORINE, 2-(BIS(2-CHLOROETHYL)AMINO)TETRAHYDRO-, 2-OXIDE	Cyclophosphamide	50180	Listed on the 14th Report on Carcinogens as a known carcinogen	
2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-, 2-OXIDE, MONOHYDRATE	Cyclophosphamide	6055192	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	
2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-, 2-OXIDE, MONOHYDRATE	Cyclophosphamide (hydrated)	6055192	California Proposition 65 listed for cancer	
2H-1,3,2-OXAZAPHOSPHORINE, TETRAHYDRO-2-(BIS(2-CHLOROETHYL)AMINO)-, 2-OXIDE, MONOHYDRATE	Cyclophosphamide (hydrated)	6055192	California Proposition 65 listed for developmental, female, male	
2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-1-(2-(DIETHYLAMINO)ETHYL)-5-(O-FLUOROPHENYL)-	Flurazepam	17617231	Classified as 'may cause drowsiness or dizziness' (GHS H336).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
2H-1,4-BENZODIAZEPIN-2-ONE, 1,3-DIHYDRO-7-CHLORO-5-PHENYL-1-(2,2,2-TRIFLUOROETHYL)-	Halazepam	23092173	California Proposition 65 listed for developmental	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1-(2-DIETHYLAMINO)ETHYL-5-(O-FLUOROPHENYL)-,1,3-	Flurazepam hydrochloride	1172185	California Proposition 65 listed for developmental	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-1-METHYL-5-PHENYL-	Diazepam	439145	California Proposition 65 listed for developmental	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-1-METHYL-5-PHENYL-	Temazepam	846504	California Proposition 65 listed for developmental	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-	Oxazepam	604751	California Proposition 65 listed for cancer	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-	Oxazepam	604751	California Proposition 65 listed for developmental	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-3-HYDROXY-5-PHENYL-	Oxazepam	604751	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 66 1996)	
2H-1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-1,3-DIHYDRO-5-PHENYL-, 4-OXIDE	Demoxepam	963393	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
2H-1,4-BENZODIAZEPINE-2-THIONE, 7-CHLORO-5-(2-FLUOROPHENYL)-1,3-DIHYDRO-1-(2,2,2-	Quazepam	36735225	California Proposition 65 listed for developmental	
2H-1,4-BENZOXAZINE, 4-(DICHLOROACETYL)-3,4-DIHYDRO-3-METHYL-, (+)-	2,2dichloro1[(3R)3methyl3,4dihydro2H1,4benzoxazin4yl]ethan1one; 2,2dichloro1[(3S)3methyl3,4dihydro2H1,4benzoxazin4yl]ethan1one	98730042	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2H-BENZIMIDAZOLE-2-THIONE, 1,3-DIHYDRO-4(OR 5)-METHYL-	1,3dihydro4(or 5)methyl2Hbenzimidazole2thione	53988106	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2H-BENZIMIDAZOLE-2-THIONE, 1,3-DIHYDRO-4(OR 5)-METHYL-	1,3dihydro4(or 5)methyl2Hbenzimidazole2thione	53988106	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2H-BENZIMIDAZOLE-2-THIONE, 1,3-DIHYDRO-4(OR 5)-METHYL-, ZINC SALT (2:1)	1,3dihydro4(or 5)methyl2Hbenzimidazole2thione, zinc salt	61617003	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
2H-BENZIMIDAZOLE-2-THIONE, 1,3-DIHYDRO-4(OR 5)-METHYL-, ZINC SALT (2:1)	1,3dihydro4(or 5)methyl2Hbenzimidazole2thione, zinc salt	61617003	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
2H-BENZO(A)QUINOLIZIN-2-ONE, 1,3,4,6,7,11B-HEXAHYDRO-3-ISOBUTYL-9,10-DIMETHOXY-	Tetrabenazine (INN) and its salts	58468	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-BENZO(A)QUINOLIZIN-2-ONE, 1,3,4,6,7,11B-HEXAHYDRO-3-ISOBUTYL-9,10-DIMETHOXY-	Tetrabenazine and its salts	58468	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2H-BENZO(A)QUINOLIZINE, 3-ETHYL-1,3,4,6,7,11B-HEXAHYDRO-9,10-DIMETHOXY-2-((1,2,3,4-TETRAHYDRO-	Emetine, its salts and derivatives	483181	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
2H-BENZO(A)QUINOLIZINE, 3-ETHYL-1,3,4,6,7,11B-HEXAHYDRO-9,10-DIMETHOXY-2-((1,2,3,4-TETRAHYDRO-	Emetine, its salts and derivatives	483181	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H-INDOL-2-ONE, 5-(2-(4-(1,2-BENZISOTHAZOL-3-YL)-1-PIPERAZINYL)ETHYL)-6-CHLORO-1,3-DIHYDRO-	5[2[4(1,2benzothiazol3yl)piperazin1yl]ethyl]6chloro1,3dihydro2Hindol2one	146939277	Classified as 'suspected of causing genetic defects' (GHS H341).	
2H-INDOL-2-ONE, 5-(2-(4-(1,2-BENZISOTHAZOL-3-YL)-1-PIPERAZINYL)ETHYL)-6-CHLORO-1,3-DIHYDRO-	5[2[4(1,2benzothiazol3yl)piperazin1yl]ethyl]6chloro1,3dihydro2Hindol2one	146939277	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
2H-PYRAN-2-ONE, 5,6-DIHYDRO-6-PENTYL-, (R)-	Massoia lactone	54814641; 51154962	Prohibited by the International Fragrance Association for use in fragrance.	
2H,1,4-BENZODIAZEPIN-2-ONE, 7-CHLORO-5-(O-CHLOROPHENYL)-1,3-DIHYDRO-3-HYDROXY-	Lorazepam	846491	California Proposition 65 listed for developmental	
2H,5H-PYRANO(3,2-C)(1)BENZOPYRAN-5-ONE, 3,4-DIHYDRO-2-METHOXY-2-METHYL-4-PHENYL-	3,4 Dihydro2methoxy2methyl4phenyl2H,5Hpyrano[3,2c][1]benzopyran5one (cyclocoumarol)	518207	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
2H,5H-PYRANO(3,2-C)(1)BENZOPYRAN-5-ONE, 3,4-DIHYDRO-2-METHOXY-2-METHYL-4-PHENYL-	Cyclocoumarol	518207	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3-(2,4-DICHLOROPHENYL)-6-FLUORO-2-(1H-1,2,4-TRIAZOL-1-YL)QUINAZOLIN-4-(3H)-ONE	3(2,4dichlorophenyl)6fluoro2(1H1,2,4triazol1yl)quinazolin4(3H)one	136426545	Classified as 'toxic in contact with skin' (GHS H311).	
3-(2,4-DICHLOROPHENYL)-6-FLUORO-2-(1H-1,2,4-TRIAZOL-1-YL)QUINAZOLIN-4-(3H)-ONE	3(2,4dichlorophenyl)6fluoro2(1H1,2,4triazol1yl)quinazolin4(3H)one	136426545	Classified as 'toxic if inhaled' (GHS H331).	
3-(2,4-DICHLOROPHENYL)-6-FLUORO-2-(1H-1,2,4-TRIAZOL-1-YL)QUINAZOLIN-4-(3H)-ONE	3(2,4dichlorophenyl)6fluoro2(1H1,2,4triazol1yl)quinazolin4(3H)one	136426545	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-(2,4-DICHLOROPHENYL)-6-FLUORO-QUINAZOLINE-2,4(1H,3H)-DIONE	3(2,4dichlorophenyl)6fluoroquinazoline2,4(1H,3H)dione	168900025	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-(3-AMINO-5-(1-METHYLGUANIDINO)-1-OXPENTYLAMINO-6-(4-AMINO-2-OXO-2,3-DIHYDRO-PYRIMIDIN-1-YL)-2,3-DIHYDRO-(6H)-PYRAN-2-CARBOXYLIC ACID	BAB; Benzene, monoC11C13branched alkyl derivatives	2079007	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
3-(3-BIPHENYL-4-YL-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN	3-(3-BIPHENYL-4-YL-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)-4-HYDROXYCOUMARIN	560730705	Europe prohibits this ingredient in cosmetics	
3-(3-METHYLPENT-3-YL)ISOXAZOL-5-YLAMINE	3(1ethyl1methylpropyl)5isoxazolamine	82560063	Classified as 'toxic if inhaled' (GHS H331).	
3-(4-CHLOROPHENYL)-1,1-DIMETHYLURONIUM TRICHLOROACETATE	3(4Chlorophenyl)1,1dimethyluronium trichloroacetate; monuronTCA	140410	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-(N-METHYL-N-(4-METHYLAMINO-3-NITROPHENYL)AMINO)PROPANE-1,2-DIOL HYDROCHLORIDE	3 (NMethylN(4methylamino3nitrophenyl)amino)propane1,2diol and its salts, when used as a substance in hair dye products	93633795	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-[[[4-[Ethyl(2-Hydroxyethyl)Amino]-2-Nitrophenyl]Amino]-1,2-Propanediol	3-[[[4-[Ethyl(2-Hydroxyethyl)Amino]-2-Nitrophenyl]Amino]-1,2-Propanediol	114087-41-1 / 114087-42-2	This ingredient is banned the European Union	X
3-[2,4-DICHLORO-5-(1-METHYLETHOXY)PHENYL]-5-(1,1-DIMETHYLETHYL)-1,3,4-OXADIAZOL-2(3H)-ONE	Oxadiazon	19666309	California Proposition 65 listed for cancer	
3-[2,4-DICHLORO-5-(1-METHYLETHOXY)PHENYL]-5-(1,1-DIMETHYLETHYL)-1,3,4-OXADIAZOL-2(3H)-ONE	Oxadiazon	19666309	California Proposition 65 listed for developmental	
3-AMINOBENZYLAMINE	3aminobenzylamine	4403707	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE	3aminomethyl3,5,5trimethylcyclohexylamine	2855132	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE	Trimethylhexane1,6diamine/Isophorondiamine Mixture	25620580; 2855132	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
3-AMINOPROPANOL	3aminopropan1ol	156876	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-AMINOPROPYLDIETHYLAMINE	3aminopropyldiethylamine	104789	Classified as 'toxic in contact with skin' (GHS H311).	
3-AMINOPROPYLDIETHYLAMINE	3aminopropyldiethylamine	104789	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-AMINOPROPYLTRIETHOXSILANE	3aminopropyldiethoxysilane	919302	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-BENZYLIDENE CAMPHOR	3 Benzylidene camphor	15087248	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-BENZYLIDENE CAMPHOR	3Benzylidene camphor (3BC)	15087248	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
3-BETA,20-ALPHA-YOHIMBAN-16-BETA-CARBOXYLIC ACID, 18-BETA-HYDROXY-11,17-ALPHA-DIMETHOXY-,	Reserpine	50555	California Proposition 65 listed for cancer	
3-BETA,20-ALPHA-YOHIMBAN-16-BETA-CARBOXYLIC ACID, 18-BETA-HYDROXY-11,17-ALPHA-DIMETHOXY-,	Reserpine	50555	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3-BETA,20-ALPHA-YOHIMBAN-16-BETA-CARBOXYLIC ACID, 18-BETA-HYDROXY-11,17-ALPHA-DIMETHOXY-,	Reserpine	50555	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3-BIPHENYL CARBOXYLIC ACID, 2',4'-DIFLUORO-4-HYDROXY-	Difunisal	22494424	California Proposition 65 listed for developmental, female	
3-BUTEN-2-ONE	Butenone	78944	Classified as 'fatal in contact with skin' (GHS H310).	
3-BUTEN-2-ONE	Butenone	78944	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-BUTEN-2-ONE	Butenone	78944	Classified as 'fatal if inhaled' (GHS H330).	
3-BUTEN-2-ONE	Butenone	78944	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-BUTEN-2-ONE, 4-(2-FURANYL)-	Furfurylidene acetone	623154	Prohibited by the International Fragrance Association for use in fragrance.	
3-BUTEN-2-ONE, 4-(4-METHOXYPHENYL)-	4 (4Methoxyphenyl)3butene2one (Anisylidene acetone), when used as a fragrance ingredient	943884	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-BUTEN-2-ONE, 4-(4-METHOXYPHENYL)-	4(4Methoxyphenyl)3butene2one	943884	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3-BUTEN-2-ONE, 4-(4-METHOXYPHENYL)-	Anisylidene acetone (4(pmethoxyphenyl)3butene2one)	943884	Prohibited by the International Fragrance Association for use in fragrance.	
3-BUTEN-2-ONE, 4-PHENYL-	4 Phenylbut3en2one (Benzylideneacetone)	122576	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-BUTEN-2-ONE, 4-PHENYL-	Benzylidene acetone	122576	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3-BUTEN-2-ONE, 4-PHENYL-	Benzylidene acetone (4Phenyl3buten2one)	122576	Prohibited by the International Fragrance Association for use in fragrance.	
3-BUTENENITRILE	But3enenitrile	109751	Classified as 'may damage fertility or the unborn child' (GHS H360).	
3-BUTENENITRILE	But3enenitrile	109751	Classified as 'toxic if inhaled' (GHS H331).	
3-BUTENENITRILE, 2-METHYL-	2methyl3butenenitrile	16529569	Classified as 'toxic in contact with skin' (GHS H311).	
3-BUTENENITRILE, 2-METHYL-	2methyl3butenenitrile	16529569	Classified as 'toxic if inhaled' (GHS H331).	
3-BUTYN-2-AMINE, 2-METHYL-	1,1dimethylprop3ynylamine	2978587	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-BUTYN-2-AMINE, 2-METHYL-	1,1dimethylprop3ynylamine	2978587	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
3-CARENE	Carene	13466789	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
3-CARENE	Carene	13466789	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
3-CHLORO-2-METHYLPROPENE	3chloro2methylpropene	563473	California Proposition 65 listed for cancer	
3-CHLORO-2-METHYLPROPENE	3chloro2methylpropene	563473	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3-CHLORO-2-METHYLPROPENE	3chloro2methylpropene	563473	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-CHLORO-2-METHYLPROPENE	3Chloro2methylpropene, technical grade	563473	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63, 115 2018 )	
3-CHLORO-2-METHYLPROPENE	3Chloro2methylpropene, technical grade	563473	Listed as an IARC Group 2B Carcinogen	
3-CHLORO-2-METHYLPROPENE	3chloro2methylpropene	563473	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3-CHLORO-2,4-DIFLUORONITROBENZENE	3chloro2,4difluoronitrobenzene	3847583	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-CHLORO-2,4-DIFLUORONITROBENZENE	3chloro2,4difluoronitrobenzene	3847583	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
3-Chloro-2,6-Dihydroxy-4-methyl-benzaldehyde	3 Chloro2,6Dihydroxy4methylbenzaldehyde (chloroatranol)(*)	57074212	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-CHLOROPROPENE	3chloropropene	107051	Classified as 'suspected of causing genetic defects' (GHS H341).	
3-CHLOROPROPENE	3chloropropene	107051	Classified as 'suspected of causing cancer' (GHS H351).	
3-CHLOROPROPENE	3chloropropene	107051	Classified as 'toxic in contact with skin' (GHS H311).	
3-CHLOROPROPENE	3chloropropene	107051	Classified as 'toxic if inhaled' (GHS H331).	
3-CHLOROPROPENE	Allyl chloride	107051	EPA IRIS 'possible carcinogen'.	
3-CHLOROPROPENE	Allyl chloride (3 Chloropropene)	107051	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-	3,5,5trimethylcyclohex3en1one	471012	Classified as 'suspected of causing cancer' (GHS H351).	
3-CYCLOHEXEN-1-ONE, 3,5,5-TRIMETHYL-	3,5,5trimethylcyclohex3en1one	471012	Classified as 'toxic if inhaled' (GHS H331).	
3-CYCLOHEXENE-1-CARBOXYLIC ACID	Cyclohex3ene1carboxylic acid	4771806	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-CYCLOHEXENE-1-CARBOXYLIC ACID, 2-(DIMETHYLAMINO)-1-PHENYL-, ETHYL ESTER, (1R,2S)-REL-	Ethyl trans2(dimethylamino)1phenylcyclohex3ene1carboxylate	51931669	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
3-DIMETHYLAMINOPROPYLAMINE	3aminopropyldimethylamine	109557	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-DODECYL-(1-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDIN)-YL)-2,5-PYRROLIDINDIONE	3dodecyl(1(1,2,2,6,6pentamethyl4piperidin)yl)2,5pyrrolidindione	106917300	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-DODECYL-(1-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDIN)-YL)-2,5-PYRROLIDINDIONE	3dodecyl(1(1,2,2,6,6pentamethyl4piperidin)yl)2,5pyrrolidindione	106917300	Classified as 'toxic if inhaled' (GHS H331).	
3-DODECYL-(1-(1,2,2,6,6-PENTAMETHYL-4-PIPERIDIN)-YL)-2,5-PYRROLIDINDIONE	3dodecyl(1(1,2,2,6,6pentamethyl4piperidin)yl)2,5pyrrolidindione	106917300	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-ETHYL-2-METHYL-2-(3-METHYLBUTYL)-1,3-OXAZOLIDINE	3 Ethyl2methyl2(3methylbutyl)1,3oxazolidine	143860042	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-ETHYL-2-METHYL-2-(3-METHYLBUTYL)-1,3-OXAZOLIDINE	3ethyl2methyl2(3methylbutyl)1,3oxazolidine	143860042	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-ETHYL-2-METHYL-2-(3-METHYLBUTYL)-1,3-OXAZOLIDINE	3ethyl2methyl2(3methylbutyl)1,3oxazolidine	143860042	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-ETHYLPHENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	620177	Classified as 'toxic in contact with skin' (GHS H311).	
3-ETHYLPHENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	620177	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, L-	(6R)6(dimethylamino)4,4diphenylheptan3one	125586	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
3-HEPTANONE, 6-(DIMETHYLAMINO)-4,4-DIPHENYL-, L-	(6R)6(dimethylamino)4,4diphenylheptan3one	125586	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
3-HEXYNE-2,5-DIOL, 2,5-DIMETHYL-	2,5dimethylhexyne2,5diol	142303	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
3-INDOLINONE, 5-BROMO-2-(9-CHLORO-3-OXONAPHTHO(1,2-B)THIEN-2(3H)-YLIDENE)-	3Hindol3one, 5bromo2(9chloro3oxonaphtho[1,2b]thien2[3H]ylidene)1,2dihydro	3687670	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYL ISOCYANATE	3ISOCYANATOMETHYL3,5,5TRIMETHYLCYCLOHEXYL ISOCYANATE	4098719	Classified as 'fatal if inhaled' (GHS H330).	
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYL ISOCYANATE	3ISOCYANATOMETHYL3,5,5TRIMETHYLCYCLOHEXYL ISOCYANATE	4098719	Classified as 'toxic if inhaled' (GHS H331).	
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYL ISOCYANATE	3ISOCYANATOMETHYL3,5,5TRIMETHYLCYCLOHEXYL ISOCYANATE	4098719	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYL ISOCYANATE	Isophorone Diisocyanate	4098719	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
3-ISOCYANATOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYL ISOCYANATE	Isophorone Diisocyanate	4098719	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
3-ISOXAZOLECARBOXYLIC ACID, 4,5-DIHYDRO-5,5-DIPHENYL-, ETHYL ESTER	ethyl 5,5diphenyl4,5dihydro1,2oxazole3carboxylate	163520330	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-ISOXAZOLECARBOXYLIC ACID, 5-METHYL-, 2-BENZYLHYDRAZIDE	Isocarboxazid (INN)	59632	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-ISOXAZOLECARBOXYLIC ACID, 5-METHYL-, 2-BENZYLHYDRAZIDE	Isocarboxazide	59632	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3-METHYLAMINOMETHYLPHENYLAMINE	3methylaminomethylphenylamine	18759961	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-METHYLAMINOMETHYLPHENYLAMINE	3methylaminomethylphenylamine	18759961	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-METHYLBENZYLIDENE CAMPHOR	(±)1,7,7trimethyl3[(4methylphenyl)methylene]bicyclo[2.2.1]heptan2one	36861479	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
3-METHYLBENZYLIDENE CAMPHOR	(±)1,7,7trimethyl3[(4methylphenyl)methylene]bicyclo[2.2.1]heptan2one	36861479	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3-METHYLBENZYLIDENE CAMPHOR	3(4Methylbenzylidene)camphor	36861479	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
3-METHYLNON-2-ENENITRILE	3Methyl2(3)nonenenitrile (Citgrenile)	53153665	Prohibited by the International Fragrance Association for use in fragrance.	
3-METHYLPENT-3-EN-2-ONE	3Methylpent3en2one	565628	Classified as 'toxic if inhaled' (GHS H331).	
3-methylpyrazole	3-methylpyrazole	1453-58-3	This ingredient is banned the European Union	X
3-NITRO-4-AMINOPHENOXYETHANOL	3 Nitro4aminophenoxyethanol and its salts, when used as a substance in hair dye products	50982746	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-NITRO-P-CRESOL	Nitrocresols and their alkali metal salts	12167203; 119335; 4920778; 2042140; 2581342; 5428546; 700389; 2666764	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3-p-CUMENYL PROPIONALDEHYDE	3(pcumenyl)propionaldehyde	7775000	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
3-PICOLINE	3Methylpyridine	108996	Classified as 'toxic in contact with skin' (GHS H311).	
3-PICOLINE	3Methylpyridine	108996	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3-PICOLINE	3Methylpyridine	108996	Classified as 'toxic if inhaled' (GHS H331).	
3-PICOLINE, 6-AMINO-	5methyl2pyridylamine	1603414	Classified as 'toxic in contact with skin' (GHS H311).	
3-PICOLINE, 6-AMINO-	5methyl2pyridylamine	1603414	Classified as 'toxic if inhaled' (GHS H331).	
3-PROPANOLIDE	bPropiolactone	57578	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3-PROPANOLIDE	betaPropiolactone	57578	California Proposition 65 listed for cancer	
3-PROPANOLIDE	betaPropiolactone	57578	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7, 71 1999)	
3-PROPANOLIDE	PROPIOLACTONE	57578	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3-PROPANOLIDE	bPropiolactone	57578	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3-QUINUCLIDINOL	Quinuclidin3ol	1619347	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,12-EPOXY-12H-PYRANOL(4,3-J)-1,2-BENZODIOXEPIN-10(3H)-ONE, OCTAHYDRO-3,6,9-TRIMETHYL-, (3-	(1R,4R,5R,8S,9R,12R,13R)1,5,9trimethyl1,14,15,16tetraoxatetracyclo[10.3.1.0,0,0]hexadecan10one	63968649	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3,3'-DICHLOROBENZIDINE	3,3' Dichlorobenzidine	91941	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine	91941	California Proposition 65 listed for cancer	
3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine	91941	EPA IRIS 'probable carcinogen'.	
3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine	91941	Possibly carcinogenic to humans' IARC (Category 2B, Volume 29, Sup 7 1987)	
3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine (see 3,3'Dichlorobenzidine and Its Dihydrochloride)	91941	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3,3'-DICHLOROBENZIDINE	Salts of 3,3' Dichlorobenzidine	91941	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine	91941	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3,3'-DIMETHOXYBENZIDINE	3,3' Dimethoxybenzidine (orthoDianisidine) and its salts	119904	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,3'-DIMETHOXYBENZIDINE	3,3'Dimethoxybenzidine (<i>ortho</i>Dianisidine)	119904	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7 1987)	
3,3'-DIMETHOXYBENZIDINE	3,3'Dimethoxybenzidine (oDianisidine)	119904	California Proposition 65 listed for cancer	
3,3'-DIMETHOXYBENZIDINE	3,3'Dimethoxybenzidine (See 3,3'Dimethoxybenzidine and Dyes Metabolized to 3,3'Dimethoxybenzidine)	119904	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3,3'-DIMETHOXYBENZIDINE	3,3'Dimethoxybenzidine	119904	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3,4-DIAMINO BENZOIC ACID	3,4 Diaminobenzoic acid, when used as a substance in hair dye products	619056	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,4-DICHLOROANILINE	3,4dichloroaniline	95761	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
3,4-DICHLOROANILINE	3,4dichloroaniline	95761	Classified as 'toxic in contact with skin' (GHS H311).	
3,4-DICHLOROANILINE	3,4dichloroaniline	95761	Classified as 'toxic if inhaled' (GHS H331).	
3,4-DICHLOROANILINE	3,4dichloroaniline	95761	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3,4-DINITROTOLUENE	3,4 Dinitrotoluene	610399	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,4-METHYLENEDI OXYANILINE	3,4 Methylene dioxyaniline and its salts, when used as a substance in hair dye products	14268667	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
3,4-METHYLENEDIOXYPHENOL	3,4 Methyleneoxyphenol and its salts, when used as a substance in hair dye products	533313	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,4-XYLENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	95658	Classified as 'toxic in contact with skin' (GHS H311).	
3,4-XYLENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	95658	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,4-XYLENOL	3,4XYLENOL	95658	Classified as 'toxic in contact with skin' (GHS H311).	
3,4-XYLENOL	3,4XYLENOL	95658	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,4-XYLIDINE	3,4xylidine	95647	Classified as 'toxic in contact with skin' (GHS H311).	
3,4-XYLIDINE	3,4xylidine	95647	Classified as 'toxic if inhaled' (GHS H331).	
3,5-DICHLORO-2,4-DIFLUOROBENZOYL FLUORIDE	3,5dichloro2,4difluorobenzoyl fluoride	101513706	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,5-DICHLORO-2,4-DIFLUOROBENZOYL FLUORIDE	3,5dichloro2,4difluorobenzoyl fluoride	101513706	Classified as 'toxic if inhaled' (GHS H331).	
3,5-DICHLORO-4-(1,1,2,2-TETRAFLUOROETHOXY)ANILINE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
3,5-DIMETHYLBENZOYL CHLORIDE	3,5dimethylbenzoyl chloride	6613441	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,5-DINITROTOLUENE	3,5 Dinitrotoluene	618859	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-(2-(PHENYLSULFINYL)ETHYL)-	Sulfinpyrazone	57965	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5-PYRAZOLIDINEDIONE, 1,2-DIPHENYL-4-(2-(PHENYLSULFINYL)ETHYL)-	Sulfinpyrazone (INN)	57965	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1-PHENYL-	Mofebutazone	2210631	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1-PHENYL-	Mofebutazone (INN)	2210631	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-	Phenylbutazone	50339	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5-PYRAZOLIDINEDIONE, 4-BUTYL-1,2-DIPHENYL-	Phenylbutazone (INN)	50339	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2-((2-AMINOETHOXY)METHYL)-4-(2-CHLOROPHENYL)-6-	3ethyl 5methyl 2(2aminoethoxymethyl)4(2chlorophenyl)1,4dihydro6methyl3,5pyridinedicarboxylate	88150429	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(2-NITROPHENYL)-, DIMETHYL ESTER	Nifedipine	21829254	California Proposition 65 listed for developmental, female, male	
3,5-PYRIDINEDICARBOXYLIC ACID, 1,4-DIHYDRO-2,6-DIMETHYL-4-(3-NITROPHENYL)-,2-METHOXYETHYL 1-	Nimodipine	66085594	California Proposition 65 listed for developmental	
3,5-XYLENOL	3,5xylenol	108689	Classified as 'toxic in contact with skin' (GHS H311).	
3,5-XYLENOL	3,5xylenol	108689	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,5-XYLIDINE	3,5xylidine	108690	Classified as 'toxic in contact with skin' (GHS H311).	
3,5-XYLIDINE	3,5xylidine	108690	Classified as 'toxic if inhaled' (GHS H331).	
3,5-XYLIDINE, ALPHA,ALPHA,ALPHA,ALPHA',ALPHA',ALPHA'HEXAFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	3,5,5 Trimethylcyclohex2enone (Isophorone)	78591	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	3,5,5trimethylcyclohex2enone	78591	Classified as 'suspected of causing cancer' (GHS H351).	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	Isophorone	78591	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	Isophorone	78591	Prohibited by the International Fragrance Association for use in fragrance.	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	Isophorone	78591	EPA IRIS 'possible carcinogen'.	
3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	3,5,5-TRIMETHYLCYCLOHEX-2-ENONE	78591	Possibly carcinogenic to humans' IARC (Category 2B, Volume 130, 2022)	
3,5,7,9-UNDECATETRAENOIC ACID, 2-ETHYLIDENE-11-(4-HYDROXY-4-(2-HYDROXYETHYL)-2-OXO-6-OXA-3-	Fusarin C	79748815	California Proposition 65 listed for cancer	
3,5,9-UNDECATRIEN-2-ONE, 3,6,10-TRIMETHYL-	3,6,10 Trimethyl3,5,9undecatrien2one (Pseudosomethyl ionone), when used as a fragrance ingredient	1117415	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5,9-UNDECATRIEN-2-ONE, 3,6,10-TRIMETHYL-	3,6,10Trimethyl3,5,9undecatrien2one	1117415	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5,9-UNDECATRIEN-2-ONE, 3,6,10-TRIMETHYL-	Pseudo Methylionones	26651967; 72968253; 1117415	Prohibited by the International Fragrance Association for use in fragrance.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
3,5,9-UNDECATRIEN-2-ONE, 6,10-DIMETHYL-	6,10 Dimethyl3,5,9undecatrien2one (Pseudoionone), when used as a fragrance ingredient	141106	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
3,5,9-UNDECATRIEN-2-ONE, 6,10-DIMETHYL-	6,10Dimethyl3,5,9undecatrien2one	141106	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,5,9-UNDECATRIEN-2-ONE, 6,10-DIMETHYL-	Pseudoionone (2,6Dimethylundeca2,6,8trien10one)	141106	Prohibited by the International Fragrance Association for use in fragrance.	
3,6-DIAZOCTANETHYLENEDIAMIN	Triethylenetetramine	112243	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
3,6-DIAZOCTANETHYLENEDIAMIN	Triethylenetetramine	112243	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
3,6-PYRIDAZINEDIONE, 1,2-DIHYDRO-	Hydrazides and their salts	54853; 1071938; 123331	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
3,6,9,12-TETRA-AZATETRADECAMETHYLENEDIAMINE	3,6,9,12tetraazatetradecamethylenediamine	4067167	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
3,6,9,12-TETRA-AZATETRADECAMETHYLENEDIAMINE	3,6,9,12tetraazatetradecamethylenediamine	4067167	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
3H-1,2,4-TRIAZOLE-3-THIONE, 1,2-DIHYDRO-5-AMINO-	3Amino5mercapto1,2,4triazole	16691433	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
3H-1,2,4-TRIAZOLE-3-THIONE, 1,2-DIHYDRO-5-AMINO-	3Amino5mercapto1,2,4triazole	16691433	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-(METHYLAMINO)-5-PHENYL-, 4-OXIDE	Chlordiazepoxide	58253	California Proposition 65 listed for developmental	
3H-1,4-BENZODIAZEPINE, 7-CHLORO-2-METHYLAMINO-5-PHENYL-, 4-OXIDE, MONOHYDROCHLORIDE	Chlordiazepoxide hydrochloride	438415	California Proposition 65 listed for developmental	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3-METHYL-	2Amino3methylimidazo[4,5f]quinoline (IQ) (see Heterocyclic Amines [Selected])	76180966	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3-METHYL-	IQ (2Amino3methylimidazo[4,5f]quinoline)	76180966	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 56 1993)	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3-METHYL-	IQ (2Amino3methylimidazo[4,5f]quinoline)	76180966	California Proposition 65 listed for cancer	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3-METHYL-	2Amino3methylimidazo[4,5f]quinoline (IQ)	76180966	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3,4-DIMETHYL-	2Amino3,4Dimethylimidazo[4,5f]quinoline (MeIQ) (see Heterocyclic Amines [Selected])	77094112	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3,4-DIMETHYL-	MeIQ (2Amino3,4dimethylimidazo[4,5f]quinoline)	77094112	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 56 1993)	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3,4-DIMETHYL-	MeIQ (2Amino3,4dimethylimidazo[4,5f]quinoline)	77094112	California Proposition 65 listed for cancer	
3H-IMIDAZO(4,5-F)QUINOLINE, 2-AMINO-3,4-DIMETHYL-	2Amino3,4dimethylimidazo[4,5f]quinoline (MeIQ)	77094112	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3H-IMIDAZO(4,5-F)QUINOXALINE, 2-AMINO-3,8-DIMETHYL-	2Amino3,8Dimethylimidazo[4,5f]quinoxaline (MeIQx) (see Heterocyclic Amines [Selected])	77500040	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
3H-IMIDAZO(4,5-F)QUINOXALINE, 2-AMINO-3,8-DIMETHYL-	MeIQx (2Amino3,8dimethylimidazo[4,5f]quinoxaline)	77500040	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 56 1993)	
3H-IMIDAZO(4,5-F)QUINOXALINE, 2-AMINO-3,8-DIMETHYL-	MeIQx (2Amino3,8dimethylimidazo[4,5f]quinoxaline)	77500040	California Proposition 65 listed for cancer	
3H-IMIDAZO(4,5-F)QUINOXALINE, 2-AMINO-3,8-DIMETHYL-	2Amino3,8dimethylimidazo[4,5f]quinoxaline (MeIQx)	77500040	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
3H-Pyrazol-3-one, 4-[[1,5-dihydro-3-methyl-5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-methyl-2-phenyl-	4[[1,5dihydro3methyl5oxo1phenyl4Hpyrazol4ylidene)methyl]2,4dihydro5methyl2phenyl3Hpyrazol3one	4702903	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-(3,4-DICHLOROPHENYLAZO)-2,6-DI-SEC-BUTYL-PHENOL	4(3,4dichlorophenylazo)2,6disecbutylphenol	124719262	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-(4-CHLOROPHENYL)-2-PHENYL-2-[(1H-1,2,4-TRIAZOL-1-YL)METHYL]BUTANENITRILE	4(4chlorophenyl)2phenyl2[(1H1,2,4triazol1yl)methyl]butanenitrile	114369436	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-(4-NITROPHENYLAZO)-2,6-DI-SEC-BUTYL-PHENOL	4(4nitrophenylazo)2,6disecbutylphenol	111850249	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-[2-[4-(1,1-DIMETHYLETHYL)PHENYL]-ETHOXY]QUINAZOLINE	4[2[4(1,1dimethylethyl)phenyl]ethoxy]quinazoline	120928098	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-[4-(1,3-DIHYDROXYPROP-2-YL)PHENYLAMINO]-1,8-DIHYDROXY-5-NITROANTHRAQUINONE	4 [4(1,3Dihydroxyprop2yl)phenylamino]1,8dihydroxy5nitroanthraquinone	114565661	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-[4-(2-ETHYLHEXYLOXY)PHENYL](1,4-THIAZINANE-1,1-DIOXIDE)	4[4(2ethylhexyloxy)phenyl](1,4thiazinane1,1dioxide)	133467411	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-AMINO-2-HYDROXYTOLUENE	5aminoo cresol	2835952	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-AMINO-2-NITROPHENOL	4 Amino2nitrophenol	119346	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-AMINO-2-NITROPHENOL	4Amino2nitrophenol	119346	California Proposition 65 listed for cancer	
4-AMINO-2-NITROPHENOL	4Amino2nitrophenol	119346	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-AMINO-3-FLUOROPHENOL	4 Amino3fluorophenol	399951	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-AMINO-3-FLUOROPHENOL	4amino3fluorophenol	399951	Classified as 'may cause cancer' (GHS H350).	
4-AMINO-M-CRESOL	4AMINOMCRESOL	2835996	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4-AMINOAZOBENZENE	<para>Aminoazobenzene	60093	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
4-AMINOAZOBENZENE	4 Aminoazobenzene	60093	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-AMINOAZOBENZENE	pAminoazobenzene	60093	California Proposition 65 listed for cancer	
4-AMINOBIIPHENYL	4Aminobiphenyl	92671	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
4-AMINOBIIPHENYL	4Aminobiphenyl	92671	Carcinogenic to humans' IARC (Category 1, Volume 1, Sup 7, 99, 100F 2012)	
4-AMINOBIIPHENYL	4Aminobiphenyl (4aminodiphenyl)	92671	California Proposition 65 listed for cancer	
4-AMINOBIIPHENYL	Biphenyl 4ylamine (4Aminobiphenyl) and its salts	92671	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-AMINOBIIPHENYL	4Aminobiphenyl	92671	Listed on the 14th Report on Carcinogens as a known carcinogen	
4-BIPHENYLACETIC ACID, 2-FLUORO-ALPHA-METHYL-	Flurbiprofen	5104494	California Proposition 65 listed for developmental, female	
4-BIPHENYL CARBOXALDEHYDE	pphenylbenzaldehyde	3218368	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-BIPHENYLOL	4Hydroxybiphenyl = 4Phenylphenol	92693	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4-BROMO-2-CHLOROFLUOROBENZENE	4bromo2chlorofluorobenzene	60811214	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-CHLORO-2-AMINOPHENOL	2amino4chlorophenol	95852	Classified as 'suspected of causing genetic defects' (GHS H341).	
4-CHLORO-2-AMINOPHENOL	4 Chloro2aminophenol, when used as a substance in hair dye products	95852	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-CHLORO-2-AMINOPHENOL	2amino4chlorophenol	95852	Listed as an IARC Group 2B Carcinogen	
4-CHLORO-2-AMINOPHENOL	2amino4chlorophenol	95852	California Prop65 Chemical (cancer)	
4-CHLORO-O-CRESOL	4chloroocresol	1570645	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-CHLORO-O-CRESOL	4chloroocresol	1570645	Classified as 'toxic if inhaled' (GHS H331).	
4-CHLOROANILINE	<para>Chloroaniline	106478	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57 1993)	
4-CHLOROANILINE	4chloroaniline	106478	Classified as 'may cause cancer' (GHS H350).	
4-CHLOROANILINE	4chloroaniline	106478	Classified as 'toxic in contact with skin' (GHS H311).	
4-CHLOROANILINE	4chloroaniline	106478	Classified as 'toxic if inhaled' (GHS H331).	
4-CHLOROANILINE	4chloroaniline	106478	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-CHLOROANILINE	pChloroaniline	106478	California Proposition 65 listed for cancer	
4-CYCLOHEXENE-1-CARBOXALDEHYDE	Cyclohex3ene1 carbaldehyde	100505	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE	1,2,3,6tetrahydrophthalic anhydride	85438	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE	1,2,3,6tetrahydrophthalic anhydride	85438	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE	TETRAHYDROPHthalic ANHYDRIDE	26266637	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-ETHOXY-m-PHENYLENEDIAMINE	4 Ethoxymphenylenediamine and its salts	67801063; 5862771; 68015985; 6219698	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-ETHOXY-m-PHENYLENEDIAMINE	4Ethoxymphenylenediamine and its salts	5862771; 6219698; 68015985; 67801063	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-ETHOXY-M-PHENYLENEDIAMINE SULFATE	4 Ethoxymphenylenediamine and its salts	67801063; 5862771; 68015985; 6219698	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-ETHOXY-M-PHENYLENEDIAMINE SULFATE	4Ethoxymphenylenediamine and its salts	5862771; 6219698; 68015985; 67801063	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-ETHYL-2-METHYL-2-ISOPENTYL-1,3-OXAZOLIDINE	4ethyl2methyl2isopentyl1,3oxazolidine	137796066	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-ETHYLAMINO-3-NITROBENZOIC ACID	4 Ethylamino3nitrobenzoic acid (Nethyl3Nitro PABA) and its salts, when used as a substance in hair dye products	2788741	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-ETHYLPHENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	1230709	Classified as 'toxic in contact with skin' (GHS H311).	
4-ETHYLPHENOL	3,4dimethylphenol; 3,5dimethylphenol; 3ethylphenol; 4ethylphenol	1230709	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-ETHYLPHENOL	4Ethylphenol	123079	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-, (E)-	Mycophenolic acid	24280931	Classified as 'suspected of causing genetic defects' (GHS H341).	
4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-, (E)-	Mycophenolic acid	24280931	Classified as 'may damage fertility or the unborn child' (GHS H360).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4-HEXENOIC ACID, 6-(4-HYDROXY-6-METHOXY-7-METHYL-3-OXO-5-PHTHALANYL)-4-METHYL-, (E)-	Mycophenolic acid	24280931	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-HEXENYLAMINE, N,1,5-TRIMETHYL-	Isometheptene (INN) and its salts	503015	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-HEXENYLAMINE, N,1,5-TRIMETHYL-	Isometheptene and its salts	503015	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN	4-HYDROXY-3-(3-(4'-BROMO-4-BIPHENYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHYL)COUMARIN	56073100	Europe prohibits this ingredient in cosmetics	
4-HYDROXYBENZOIC ACID	pHydroxybenzoic acid	99967	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4-HYDROXYBENZOIC ACID	PARABENS	99967	EWG Verified doesn't allow products to use nonspecific ingredient names.	
4-HYDROXYINDOLE	4 Hydroxyindole, when used as a substance in hair dye products	2380941	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-IMIDAZOLIDINONE, 5,5-DIPHENYL-	5,5 Diphenyl4imidazolidone (Doxenitoin (INN))	3254931	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-IMIDAZOLIDINONE, 5,5-DIPHENYL-	5,5Diphenyl4imidazolidone	3254931	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-ISOCYANATOSULPHONYLTOLUENE	ptoluenesulphonyl isocyanate	4083641	Classified as 'toxic if inhaled' (GHS H331).	
4-ISOCYANATOSULPHONYLTOLUENE	ptoluenesulphonyl isocyanate	4083641	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-METHOXY-M-PHENYLENEDIAMINE	1 Methoxy2,4diaminobenzene (2,4Diaminoanisole CI 76050) and its salts	615054	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-METHOXY-M-PHENYLENEDIAMINE	1Methoxy2,4diaminobenzene and its salts	615054	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-METHOXY-M-PHENYLENEDIAMINE	2,4Diaminoanisole	615054	California Proposition 65 listed for cancer	
4-METHOXY-M-PHENYLENEDIAMINE	2,4Diaminoanisole	615054	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
4-METHOXY-M-PHENYLENEDIAMINE	4Methoxyphenylenediamine and its sulfate salts	615054; 39156417; 6219676	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-METHOXYTOLUENE-2,5-DIAMINE HCL	4 Methoxytoluene2,5diamine and its HCl salt, when used as a substance in hair dye products	56496889	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-METHYLBENZYLIDENE CAMPHOR	(±)1,7,7trimethyl3[(4methylphenyl)methylene]bicyclo[2.2.1]heptan2one	36861479	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-METHYLBENZYLIDENE CAMPHOR	(±)1,7,7trimethyl3[(4methylphenyl)methylene]bicyclo[2.2.1]heptan2one	36861479	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	California Proposition 65 listed for cancer	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Classified as 'suspected of causing cancer' (GHS H351).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Classified as 'toxic in contact with skin' (GHS H311).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Classified as 'toxic if inhaled' (GHS H331).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
4-METHYLIMIDAZOLE	4Methylimidazole	822366	Listed as an IARC Group 2B Carcinogen	
4-METHYLPENT-3-EN-2-ONE	4Methylpent3en2one	141797	Classified as 'toxic if inhaled' (GHS H331).	
4-METHYLPYRIDINE	4Methylpyridine	108894	Classified as 'toxic in contact with skin' (GHS H311).	
4-NITRO-M-PHENYLENEDIAMINE	4 Nitromphenylenediamine and its salts, when used as a substance in hair dye products	5131588	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-NITRO-M-PHENYLENEDIAMINE	4NITROMPHENYLENEDIAMINE	5131588	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-NITROBIPHENYL	4 Nitrobiphenyl	92933	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-NITROBIPHENYL	4nitrobiphenyl	92933	California Proposition 65 listed for cancer	
4-NITROGUAICOL	2 Methoxy4nitrophenol (4Nitroguaiacol) and its salts, when used as a substance in hair dye products	3251567	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-NITROSOPHENOL	4 Nitrosophenol	104916	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4-NITROTOLUENE	4nitrotoluene	99990	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4-NITROTOLUENE	4nitrotoluene	99990	Classified as 'toxic in contact with skin' (GHS H311).	
4-NITROTOLUENE	4nitrotoluene	99990	Classified as 'toxic if inhaled' (GHS H331).	
4-O-METHYL-ALPHA-D-GLUCURONO-BETA-D-XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	140207938	California Proposition 65 listed for cancer	
4-O-METHYL-ALPHA-D-GLUCURONO-BETA-D-XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	37319178	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
4-O-METHYL-ALPHA-D-GLUCURONO-BETA-D-XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	37319178	Listed as an IARC Group 2B Carcinogen	
4-O-METHYL-ALPHA-D-GLUCURONO-BETA-D-XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	140207938	California Prop65 Chemical (cancer)	
4-O-TOLYLAZO-O-TOLUIDINE	</>ortho</>Aminoazotoluene	97563	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
4-O-TOLYLAZO-O-TOLUIDINE	4 oTolylazootoluidine	97563	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-O-TOLYLAZO-O-TOLUIDINE	oAminoazotoluene	97563	California Proposition 65 listed for cancer	
4-O-TOLYLAZO-O-TOLUIDINE	oAminoazotoluene	97563	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4-O-TOLYLAZO-O-TOLUIDINE	oAminoazotoluene	97563	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4-OXAZOLIDINONE, 2-IMINO-5-PHENYL-	Pemoline (INN) and its salts	2152343	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-OXAZOLIDINONE, 2-IMINO-5-PHENYL-	Pemoline and its salts	2152343	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-Penten-1-one, 1-spiro[4.5]dec-7-en-7-yl-	1Spiro(4,5)7Decen7yl4Penten1one; 1Spiro(4,5)7decen7yl4penten1one & 1Spiro(4,5)6decen7yl4penten1one; 1spiro(4,5)7decen7yl4penten1one and 1spiro(4,5)6decen7yl4penten1one; 4Penten1one, 1spiro[4.5]dec7en	224031703	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-PICOLINE, 2-AMINO-	4methyl2pyridylamine	695341	Classified as 'fatal in contact with skin' (GHS H310).	
4-PICOLINE, 2-AMINO-	4methyl2pyridylamine	695341	Classified as 'toxic in contact with skin' (GHS H311).	
4-PICOLINE, 2-AMINO-	4methyl2pyridylamine	695341	Classified as 'toxic if inhaled' (GHS H331).	
4-PERIDINEMETHANOL, ALPHA,ALPHA-DIPHENYL-	Azacyclonol (INN) and its salts	115468	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-PERIDINEMETHANOL, ALPHA,ALPHA-DIPHENYL-	Azacyclonol and its salts	115468	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-PERIDINOL, 2,2,6-TRIMETHYL-, BENZOATE (ESTER)	2,2,6 Trimethyl4piperidyl benzoate (eucaine) and its salts	500345	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4-PERIDINOL, 2,2,6-TRIMETHYL-, BENZOATE (ESTER)	βEucaine	500345	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4-PIPERIDONE, 2,2,6,6-TETRAMETHYL-	2,2,6,6tetramethyl4piperidone	826368	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4-T-BUTYL BENZALDEHYDE	4tertbutylbenzaldehyde	939979	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-T-BUTYL BENZALDEHYDE	4tertbutylbenzaldehyde	939979	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-T-BUTYL BENZALDEHYDE	4tertbutylbenzaldehyde	939979	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4-T-BUTYLBENZOIC ACID	4tertbutylbenzoic acid	98737	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-T-BUTYLBENZOIC ACID	4tertbutylbenzoic acid	98737	Classified as 'toxic in contact with skin' (GHS H311).	
4-tert-BUTYLDIHYDROCIINNAMALDEHYDE	3(4tertbutylphenyl)propionaldehyde	18127010	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-tert-BUTYLTOLUENE	4tertButyltoluene	98511	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4-tert-BUTYLTOLUENE	4tertButyltoluene	98511	Classified as 'fatal if inhaled' (GHS H330).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3-METHYL-7-OXO-3-(1H-1,2,3-TRIAZOL-1-	(2S,3S,5R)3methyl4,4,7trioxo3[[1H1,2,3triazol1yl)methyl]4lambda6thia1aza bicyclo[3.2.0]heptane2carboxylic acid	89786049	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(((4-ETHYL-2,3-DIOXO-1-	[2S[2_5_6_(S*)]]6[[[(4ethyl2,3dioxopiperazin1yl)carbonyl]amino]phenylacetyl]amino]3,3dimethyl7oxo4thia1azabicyclo[3.2.0]heptane2carboxylic acid	59703843; 61477961	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(((4-ETHYL-2,3-DIOXO-1-	Piperacillin	61477961	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-6-(((4-ETHYL-2,3-DIOXO-1-	Piperacillin	61477961	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENOXY-	Phenoxymethylpenicillin potassium	132989	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 3,3-DIMETHYL-7-OXO-6-(2-PHENYLACETAMIDO)-	Potassium [2S(2_5_6_)]3,3dimethyl7oxo6(phenylacetamido)4thia1azabicyclo[3.2.0]heptane2carboxylate	113984	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((((4-ETHYL-2,3-DIOXO-1-PIPERAZINYL	[2S(2_5_6_(S*))]]6[[[(4ethyl2,3dioxopiperazin1yl)carbonyl]amino]phenylacetyl]amino]3,3dimethyl7oxo4thia1azabicyclo[3.2.0]heptane2carboxylic acid	59703843; 61477961	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((AMINO(4-HYDROXYPHENYL)ACETYL)AMINO)-	Amoxicillin	26787780; 61336707	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-((AMINO(4-HYDROXYPHENYL)ACETYL)AMINO)-	Amoxicillin	26787780; 61336707	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-AMINO-2-PHENYLACETAMIDO)-3,3-	Ampicillin	69534	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(2-ETHOXY-1-NAPHTHAMIDO)-3,3-DIMETHYL-	Nafcillin	147524	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(3-(O-CHLOROPHENYL)-5-METHYL-4-	Cloxacillin sodium	642784; 7081449	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-(3-(O-CHLOROPHENYL)-5-METHYL-4-	Cloxacillin sodium	642784; 7081449	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4-THIA-1-AZABICYCLO(3.2.0)HEPTANE-2-CARBOXYLIC ACID, 6-AMINO-3,3-DIMETHYL-7-OXO-	6aminopenicillanic acid	551166	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4,4-DIMETHOXYBUTYLAMINE	4,4dimethoxybutylamine	19060152	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4,4-ISOBUTYLETHYLIDENEDIPHENOL	2,2bis(4'hydroxyphenyl)4methylpentane	6807176	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4-ISOBUTYLETHYLIDENEDIPHENOL	4,4' Isobutylethylenediphenol	6807176	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4-ISOPROPYLIDENE DIPHENOL	2,2Bis(4hydroxyphenyl)propan = 4,4'isopropylidenediphenol = Bisphenol A	80057	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4,4-ISOPROPYLIDENE DIPHENOL	4,4'Isopropylidenediphenol	80057	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4,4-ISOPROPYLIDENE DIPHENOL	4,4'Isopropylidenediphenol	80057	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
4,4-ISOPROPYLIDENE DIPHENOL	Bisphenol A (4,4' Isopropylidenediphenol)	80057	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4-ISOPROPYLIDENE DIPHENOL	Bisphenol A (BPA)	80057	California Proposition 65 listed for female	
4,4-ISOPROPYLIDENE DIPHENOL	Bisphenol A (BPA)	80057	California Prop65 Chemical (female)	
4,4'-(4-IMINOCYCLOHEXA-2,5-DIENYLIDENEMETHYLENE)DIANILINE HYDROCHLORIDE	4,4' (4Iminocyclohexa2,5dienylenemethylene) dianiline hydrochloride	569619	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-(4-IMINOCYCLOHEXA-2,5-DIENYLIDENEMETHYLENE)DIANILINE HYDROCHLORIDE	Basic Red 9 Monohydrochloride	569619	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4,4'-(4-IMINOCYCLOHEXA-2,5-DIENYLIDENEMETHYLENE)DIANILINE HYDROCHLORIDE	C.I. Basic Red 9 monohydrochloride	569619	California Proposition 65 listed for cancer	
4,4'-(4-IMINOCYCLOHEXA-2,5-DIENYLIDENEMETHYLENE)DIANILINE HYDROCHLORIDE	CI Basic Red 9	569619	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57, 99 2010)	
4,4'-(4-IMINOCYCLOHEXA-2,5-DIENYLIDENEMETHYLENE)DIANILINE HYDROCHLORIDE	Basic Red 9 Monohydrochloride	569619	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,4'-(9H-FLUOREN-9-YLIDENE)BIS(2-CHLOROANILINE)	4,4'(9Hfluoren9ylidene)bis(2chloroaniline)	107934689	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-BI-O-TOLUIDINE	3,3'Dimethylbenzidine (<i>ortho</i>Tolidine)	119937	Possibly carcinogenic to humans' IARC (Category 2B, Volume 1, Sup 7 1987)	
4,4'-BI-O-TOLUIDINE	3,3'Dimethylbenzidine (orthoTolidine)	119937	California Proposition 65 listed for cancer	
4,4'-BI-O-TOLUIDINE	3,3'Dimethylbenzidine (See 3,3'Dimethylbenzidine and Dyes Metabolized to 3,3'Dimethylbenzidine)	119937	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4,4'-BI-O-TOLUIDINE	4,4' Biotolidine (orthoTolidine)	119937	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-BI-O-TOLUIDINE	3,3'Dimethylbenzidine	119937	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,4'-BIPHENYLDIOL	4,4'Dihydroxybiphenyl = 4,4'Biphenol	92886	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4,4'-BIPHENYLDIOL	Biphenyl4,4'diol	92886	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-BIPYRIDINIUM, 1,1'-DIMETHYL-	Paraquat	1910425	EPA IRIS 'possible carcinogen'.	
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	4,4' Bis(dimethylamino)benzophenone; (Michler's ketone)	90948	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	4,4'bis(dimethylamino)benzophenone	90948	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	Michler's ketone	90948	California Proposition 65 listed for cancer	
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	Michler's ketone	90948	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	Michler's ketone [4,4' Bis(dimethylamino)-benzophenone]	90948	Possibly carcinogenic to humans' IARC (Category 2B, Volume 99 2010)	
4,4'-BIS(DIMETHYLAMINO)BENZOPHENONE	Michler's ketone	90948	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYLANILINE]	4,4' Carbonimidoylbis[N,Ndimethylaniline] and its salts	492808	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYLANILINE]	Auramine	492808	California Proposition 65 listed for cancer	
4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYLANILINE]	Auramine	492808	Possibly carcinogenic to humans' IARC (Category 2B, Volume 1, Sup 7, 99, 100F 2012)	
4,4'-DIAMINODIPHENYLAMINE	4,4' Diaminodiphenylamine and its salts, when used as a substance in hair dye products	537655	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-DIAMINODIPHENYLMETHANE	4,4' Methyleneedianiline	101779	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline	101779	California Proposition 65 listed for cancer	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline	101779	Classified as 'suspected of causing genetic defects' (GHS H341).	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline	101779	Classified as 'may cause cancer' (GHS H350).	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline	101779	Possibly carcinogenic to humans' IARC (Category 2B, Volume 39, Sup 7 1987)	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline (see 4,4'Methylenedianiline and Its Dihydrochloride)	101779	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4,4'-DIAMINODIPHENYLMETHANE	4,4'Methylenedianiline	101779	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,4'-DITHIOBIS(5-AMINO-1-(2,6-DICHLORO-4-(TRIFLUOROMETHYL)PHENYL)-1H-PYRAZOLE-3-CARBONITRILE)	4,4'dithiobis(5amino1(2,6dichloro4(trifluoromethyl)phenyl)1HPyrazole3carbonitrile)	130755463	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-DITHIOBIS(5-AMINO-1-(2,6-DICHLORO-4-(TRIFLUOROMETHYL)PHENYL)-1H-PYRAZOLE-3-CARBONITRILE)	4,4'dithiobis(5amino1(2,6dichloro4(trifluoromethyl)phenyl)1HPyrazole3carbonitrile); 1HPyrazole3carbonitrile, 4,4'dithiobis(5amino1(2,6dichloro4(trifluoromethyl)phenyl)); 603..434..4; DISULFURE MB 46307; 1HPyrazole3carbonitrile,	130755463	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-ETHYLIDENEDIPHENYL DICYANATE	4,4'ethylidenediphenyl dicyanate	47073927	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-METHYLENEBIS(2-ETHYLANILINE)	4,4' Methylenebis(2ethylaniline)	19900653	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-METHYLENEBIS(N,N'-DIMETHYLCYCLOHEXANAMINE)	4,4'methylenebis(N,N'dimethylcyclohexanamine)	13474641	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4,4'-METHYLENEDI-O-TOLUIDINE	4,4' Methylene diotoluidine	838880	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-METHYLENEDI-O-TOLUIDINE	4,4'Methylene bis(2methylaniline)	838880	California Proposition 65 listed for cancer	
4,4'-METHYLENEDI-O-TOLUIDINE	4,4'Methylene bis(2methylaniline)	838880	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7 1987)	
4,4'-METHYLENEDI-O-TOLUIDINE	4,4'methylenedi otoluidine	838880	Classified as 'may cause cancer' (GHS H350).	
4,4'-METHYLENEDI-O-TOLUIDINE	4,4'methylenedi otoluidine	838880	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-METHYLENEDI(CYCLOHEXYL ISOCYANATE)	4,4'methylenedicyclohexyl diisocyanate	5124301	Classified as 'fatal if inhaled' (GHS H330).	
4,4'-METHYLENEDI(CYCLOHEXYL ISOCYANATE)	4,4'methylenedicyclohexyl diisocyanate	5124301	Classified as 'toxic if inhaled' (GHS H331).	
4,4'-METHYLENEDI(CYCLOHEXYL ISOCYANATE)	4,4'methylenedicyclohexyl diisocyanate	5124301	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	4,4'Methylenediphenyl diisocyanate	101688	Classified as 'suspected of causing cancer' (GHS H351).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	4,4'Methylenediphenyl diisocyanate	101688	Classified as 'toxic if inhaled' (GHS H331).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	4,4'Methylenediphenyl diisocyanate	101688	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	Methylenediphenyl diisocyanate	26447405	Classified as 'suspected of causing cancer' (GHS H351).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	Methylenediphenyl diisocyanate	26447405	Classified as 'fatal if inhaled' (GHS H330).	
4,4'-METHYLENEDIPHENYL DIISOCYANATE	Methylenediphenyl diisocyanate	26447405	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4' Oxydianiline (paminophenyl ether) and its salts	101804	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Diaminodiphenyl ether	101804	Possibly carcinogenic to humans' IARC (Category 2B, Volume 29, Sup 7 1987)	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Diaminodiphenyl ether (4,4'Oxydianiline)	101804	California Proposition 65 listed for cancer	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Classified as 'may cause cancer' (GHS H350).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Classified as 'toxic in contact with skin' (GHS H311).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Classified as 'toxic if inhaled' (GHS H331).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Classified as 'may cause genetic defects' (GHS H340).	
4,4'-OXYDIANILINE AND ITS SALTS	4,4'Oxydianiline	101804	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,4'-STILBENEDIOL, ALPHA,ALPHA'-DIETHYL-	Diethylstilbestrol	56531	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
4,4'-STILBENEDIOL, ALPHA,ALPHA'-DIETHYL-	Diethylstilbestrol	56531	Carcinogenic to humans' IARC (Category 1, Volume 21, Sup 7, 100A 2012)	
4,4'-STILBENEDIOL, ALPHA,ALPHA'-DIETHYL-	Diethylstilbestrol (DES)	56531	California Proposition 65 listed for developmental	
4,4'-STILBENEDIOL, ALPHA,ALPHA'-DIETHYL-	Diethylstilbestrol (DES)	56531	California Proposition 65 listed for cancer	
4,4'-STILBENEDIOL, ALPHA,ALPHA'-DIETHYL-	Diethylstilbestrol	56531	Listed on the 14th Report on Carcinogens as a known carcinogen	
4,4'-sulphonyldiphenol; bisphenol S	4,4'-sulphonyldiphenol; bisphenol S	80-09-1	This ingredient is banned the European Union	X
4,4'-THIODI-O-CRESOL	4,4'thiodiocresol	24197340	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,4'-THIODIANILINE AND ITS SALTS	4,4' Thiodianiline and its salts	139651	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,4'-THIODIANILINE AND ITS SALTS	4,4'Thiodianiline	139651	California Proposition 65 listed for cancer	
4,4'-THIODIANILINE AND ITS SALTS	4,4'Thiodianiline	139651	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
4,4'-THIODIANILINE AND ITS SALTS	4,4'Thiodianiline	139651	Possibly carcinogenic to humans' IARC (Category 2B, Volume 27, Sup 7 1987)	
4,4'-THIODIANILINE AND ITS SALTS	4,4'Thiodianiline	139651	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
4,5-DIAMINO-1-((4-CHLOROPHENYL)METHYL)-1H-PYRAZOLE-SULFATE	4,5 Diamino1((4chlorophenyl)methyl)1Hpyrazole sulfate, when used as a substance in hair dye products	163183004	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,5-DIAMINO-1-METHYLPYRAZOLE HCL	4,5 Diamino1methylpyrazole and its HCl salt, when used as a substance in hair dye products	20055010; 21616591	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,6-BIS(2-HYDROXYETHOXY)-M-PHENYLENEDIAMINE HCL	4,6 Bis(2hydroxyethoxy)mphenylenediamine and its salts, when used as a substance in hair dye products	94082856	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,6,10-DODECATRIEN-3-ONE, 7,11-DIMETHYL-	7,11 Dimethyl4,6,10dodecatrien3one (Pseudomethylionone), when used as a fragrance ingredient	26651967	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4,6,10-DODECATRIEN-3-ONE, 7,11-DIMETHYL-	Pseudo Methylionones	26651967; 72968253; 1117415	Prohibited by the International Fragrance Association for use in fragrance.	
4,7-METHANO-1H-INDENE, 1,2,3,4,5,6,7,8,8-NONACHLOR-2,3,3A,4,7,7A-HEXAHYDRO-, (1-ALPHA,2-BETA,	TransNonachlor	39765805	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4,7-METHANO-1H-INDENE, 1,2,3,4,5,6,7,8,8-NONACHLORO-2,3,3A,4,7,7A-HEXAHYDRO-, (1-ALPHA,2-	CisNonachlor	5103731	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
4,7-METHANOINDAN, HEXAHYDRO-, EXO-	{3a_4_7_7a}_octahydro4,7methano1Hindene	2825823	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,7-METHANOINDENE, 3A,4,7,7A-TETRAHYDRODIMETHYL-	Methylcyclopentadiene	26472004	Classified as 'may cause cancer' (GHS H350).	
4,7-METHANOINDENE, 3A,4,7,7A-TETRAHYDRODIMETHYL-	Methylcyclopentadiene	26472004	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4,7-METHANOINDENE, 3A,4,7,7A-TETRAHYDRODIMETHYL-	Methylcyclopentadiene	26472004	Classified as 'may cause genetic defects' (GHS H340).	
4'-((2-BUTYL-4-OXO-1,3-DIAZASPIRO[4.4]NON-1-ENE-3-YL)METHYL)(1,1'-BIPHENYL)-2-CARBONITRILE	2[4]([2butyl4oxo1,3diazaspiro[4.4]non1en3yl)methyl]phenyl]benzonnitrile	138401248	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4'-((2-BUTYL-4-OXO-1,3-DIAZASPIRO[4.4]NON-1-ENE-3-YL)METHYL)(1,1'-BIPHENYL)-2-CARBONITRILE	4'([2butyl4oxo1,3diazaspiro[4.4]non1ene3yl)methyl)(1,1'biphenyl)2carbonitrile	138401248	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4'-ETHOXY-2-BENZIMIDAZOLEANILIDE	4' Ethoxy2benzimidazoleanilide	120187293	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4H-1,3-THIAZIN-4-ONE, 2-(P-CHLOROPHENYL)TETRAHYDRO-3-METHYL-, 1,1,-DIOXIDE	Chlormezanone	80773	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
4H-1,3-THIAZIN-4-ONE, 2-(P-CHLOROPHENYL)TETRAHYDRO-3-METHYL-, 1,1,-DIOXIDE	Chlormezanone (INN)	80773	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
4H-1,3,5-OXADIAZIN-4-IMINE, 3-((2-CHLORO-5-THIAZOLYL)METHYL)TETRAHYDRO-5-METHYL-N-NITRO-	3([2chloro1,3thiazol5yl)methyl]5methylNnitro1,3,5oxadiazinan4imine	153719234	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
4H-3,1-BENZOXAZINE-2,4(1H)-DIONE	4H3,1benzoxazine2,4(1H)dione	118489	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
4H-IMIDAZO(1,5-A)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(2-FLUOROPHENYL)-1-METHYL-, HYDROCHLORIDE	Midazolam hydrochloride	59467968	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
4H-5-TRIAZOLO(4,3-A)(1,4)BENZODIAZEPINE, 8-CHLORO-1-METHYL-6-PHENYL-	Alprazolam	28981977	California Proposition 65 listed for developmental	
4H-5-TRIAZOLO(4,3-A)(1,4)BENZODIAZEPINE, 8-CHLORO-6-(O-CHLOROPHENYL)-1-METHYL-	Triazolam	28911015	California Proposition 65 listed for developmental	
5-(2,4-DIOXO-1,2,3,4-TETRAHYDROPYRIMIDINE)-3-FLUORO-2-HYDROXYMETHYL-TETRAHYDROFURAN	5 (2,4Dioxo1,2,3,4tetrahydropyrimidine)3fluoro2hydroxymethylterahydrofuran	41107566	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-(3-BUTYRYL-2,4,6-TRIMETHYLPHENYL)-2-[1-(ETHOXYIMINO)PROPYL]-3-HYDROXYCYCLOHEX-2-EN-1-ONE	5 (3Butyryl2,4,6trimethylphenyl)2[1(ethoxyimino)propyl]3hydroxycyclohex2en1one	138164122	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-ALPHA-ANDROSTAN-3-ONE, 17-BETA-HYDROXY-	Androstanolone	521186	Classified as 'suspected of causing cancer' (GHS H351).	
5-ALPHA-ANDROSTAN-3-ONE, 17-BETA-HYDROXY-	Androstanolone	521186	Classified as 'may damage fertility or the unborn child' (GHS H360).	
5-ALPHA-ANDROSTANE-2-ALPHA-CARBONITRILE, 4-ALPHA,5-EPOXY-17-BETA-HYDROXY-3-OXO-	Trilostane	13647353	California Proposition 65 listed for developmental	
5-ALPHA,17-BETA-ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-	Oxymetholone	434071	California Proposition 65 listed for developmental	
5-ALPHA,17-BETA-ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-	Oxymetholone	434071	California Proposition 65 listed for cancer	
5-ALPHA,17-BETA-ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-	Oxymetholone	434071	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
5-ALPHA,17-BETA-ANDROSTAN-3-ONE, 17-HYDROXY-2-(HYDROXYMETHYLENE)-17-METHYL-	Oxymetholone	434071	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
5-AMINO-2,6-DIMETHOXY-3-HYDROXYPYRIDINE	5 Amino2,6dimethoxy3hydroxypyridine and its salts, when used as a substance in hair dye products	104333031	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-AMINO-4-FLUORO-2-METHYLPHENOL SULFATE	5 Amino4fluoro2methylphenol sulfate, when used as a substance in hair dye products	163183015	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-BETA-CHOLAN-24-OIC ACID, 3-ALPHA,7-ALPHA-DIHYDROXY-	Chenodeoxycholic acid	474259	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
5-BETA-CHOLAN-24-OIC ACID, 3-ALPHA,7-ALPHA-DIHYDROXY-	Chenodeoxycholic acid	474259	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5-BETA-CHOLAN-24-OIC ACID, 3-ALPHA,7-ALPHA-DIHYDROXY-	Chenodiol	474259	California Proposition 65 listed for developmental	
5-BROMO-5-NITRO-1,3-DIOXANE	5bromo5nitro1,3 dioxane	30007477	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
5-BROMO-5-NITRO-1,3-DIOXANE	5Bromo5Nitro1,3 Dioxane (formaldehyde Releaser)	30007477	This ingredient forms formaldehyde which causes allergic skin reactions.	
5-BROMO-5-NITRO-1,3-DIOXANE	5bromo5nitro1,3dioxane	30007477	This ingredient forms formaldehyde which causes allergic skin reactions.	
5-BROMO-5-NITRO-1,3-DIOXANE	5bromo5nitro1,3dioxane	30007477	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
5-BROMO-5-NITRO-1,3-DIOXANE	5bromo5nitro1,3dioxane	30007477	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5-BROMO-5-NITRO-1,3-DIOXANE	Bronopol (2Bromo2Nitropropane1,3Diol)	30007477	This ingredient forms formaldehyde which causes allergic skin reactions.	
5-CHLORO-1,3-DIHYDRO-2H-INDOL-2-ONE	5 Chloro1,3dihydro2Hindol2one	17630750	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-Cyclopentadecen-1-one, 3-methyl-	(4E)3methylcyclopentadec4en1one; (5E)3methylcyclopentadec5en1one; (5Z)3methylcyclopentadec5en1one	63314794; 82356512	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5-ETHOXY-3-TRICHLOROMETHYL-1,2,4-THIAZOLE	5 Ethoxy3trichloromethyl1,2,4thiazole (Etridiazole ISO)	2593159	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-ETHOXY-3-TRICHLOROMETHYL-1,2,4-THIAZOLE	Terrazole	2593159	California Proposition 65 listed for cancer	
5-HEPTENAMIDE, 7-((1R,2R,3R,5S)-3,5-DIHYDROXY-2-((1E,3S)-3-HYDROXY-5-PHENYL-1-PENTENYL)	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
5-HEPTENOIC ACID, 7-((1R,2R,3R,5S)-3,5-DIHYDROXY-2-((1E,3R)-3-HYDROXY-4-(3-(TRIFLUOROMETHYL)	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
5-HEPTENOIC ACID, 7-((1R,2R,3R,5S)-3,5-DIHYDROXY-2-(3-OXODECYL)CYCLOPENTYL)-, (5Z)-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
5-HEPTENOIC ACID, 7-(2-(4-(3-CHLOROPHENOXY)-3-HYDROXY-1-BUTENYL)-3,5-DIHYDROXYCYCLOPENTYL)-, (5Z)-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
5-HEPTENOIC ACID, 7-(3,5-DIHYDROXY-2-(3-HYDROXY-5-PHENYLPENTYL)CYCLOPENTYL)-, 1-METHYLETHYL	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
5-ISOBENZOFURAN CARBONITRILE, 1,3-DIHYDRO-1-(3-(DIMETHYLAMINO)PROPYL)-1-(4-FLUOROPHENYL)-	Citalopram	59729338	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
5-ISOBENZOFURAN CARBONITRILE, 1,3-DIHYDRO-1-(3-(DIMETHYLAMINO)PROPYL)-1-(4-FLUOROPHENYL)-	Citalopram	59729338	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5-NITROACENAPHTHENE	5 Nitroacenaphthene	602879	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5-NITROACENAPHTHENE	5nitroacenaphthene	602879	California Proposition 65 listed for cancer	
5-NITROACENAPHTHENE	5nitroacenaphthene	602879	Possibly carcinogenic to humans' IARC (Category 2B, Volume 16, Sup 7 1987)	
5-NORBORNENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-	Chlorendic acid	115286	California Proposition 65 listed for cancer	
5-NORBORNENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-	Chlorendic acid	115286	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
5-NORBORNENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-	Chlorendic acid	115286	Possibly carcinogenic to humans' IARC (Category 2B, Volume 48 1990)	
5-NORBORNENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-	Chlorendic acid	115286	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
5-NORBORNENE-2,3-DICARBOXYLIC ANHYDRIDE, METHYL-	1,2,3,6TETRAHYDROMETHYL3,6METHANOPHTHALIC ANHYDRIDE	25134218	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
5-NORBORNENE-2,3-DICARBOXYLIC ANHYDRIDE, METHYL-	1,2,3,6TETRAHYDROMETHYL3,6METHANOPHTHALIC ANHYDRIDE	25134218	Classified as 'toxic if inhaled' (GHS H331).	
5-NORBORNENE-2,3-DICARBOXYLIC ANHYDRIDE, METHYL-	1,2,3,6TETRAHYDROMETHYL3,6METHANOPHTHALIC ANHYDRIDE	25134218	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((5-METHYL-1,3,4-THIADIAZOL-2-YL)	Cefazolin	25953199	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-(((AMINOCARBONYLOXY)METHYL)-7-((2-	Cefuroxime	55268752	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5-THIA-1-AZABICYCLO(4.2.0)OCT-2-ENE-2-CARBOXYLIC ACID, 3-((ACETOXY)METHYL)-7-((2-AMINO-4-	Cefotaxime	63527526	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXYALPHA-L-LYXO-HEXOPYRANOSYLOXY)-7,8,9,10-	Doxorubicin hydrochloride (Adriamycin)	25316409	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY)-7,8,9,10-	Doxorubicin hydrochloride (Adriamycin)	25316409	California Proposition 65 listed for developmental, male	
5,12-NAPHTHACENEDIONE, 10-((3-AMINO-2,3,6-TRIDEOXY-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY)-7,8,9,10-	Doxorubicin Hydrochloride	25316409	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
5,5-DIMETHYL-PERHYDRO-PYRIMIDIN-2-ONE -(4-TRIFLUOROMETHYLSTYRYL)- (4-TRIFLUOROMETHYL)CINNAMYLDIENEHYDRAZONE	5,5dimethylperhydropyrimidin2one_(4trifluoromethylstyryl)_(4trifluoromethyl)cinnamylidenehydrazone	67485294	Classified as 'may damage fertility or the unborn child' (GHS H360).	
5,5-DIMETHYL-PERHYDRO-PYRIMIDIN-2-ONE -(4-TRIFLUOROMETHYLSTYRYL)- (4-TRIFLUOROMETHYL)CINNAMYLDIENEHYDRAZONE	5,5dimethylperhydropyrimidin2one_(4trifluoromethylstyryl)_(4trifluoromethyl)cinnamylidenehydrazone	67485294	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5,5-DIMETHYL-PERHYDRO-PYRIMIDIN-2-ONE -(4-TRIFLUOROMETHYLSTYRYL)- (4-TRIFLUOROMETHYL)CINNAMYLDIENEHYDRAZONE	Hydramethylnon	67485294	California Proposition 65 listed for developmental, male	
5,6-DIHYDRO-6-PENTYL-2H-PYRAN-2-ONE	Massoia lactone	54814641; 51154962	Prohibited by the International Fragrance Association for use in fragrance.	
5,6,12,13-TETRACHLOROANTHRA(2,1,9-DEF:6,5,10-D'E'F')DISOQUINOLINE-1,3,8,10(2H,9H)-TETRON	5,6,12,13 Tetrachloroanthra(2,1,9def:6,5,10d'e'f')disoquinoline1,3,8,10(2H,9H)tetron	115662061	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5281-04-09	PIGMENT RED 57:1	5281049	Non FDA approved colorant.	
5H-DIBENZ(B,F)AZEPINE	5Hdibenz[b,f]azepine	256962	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5H-DIBENZ(B,F)AZEPINE-5-CARBOXAMIDE	Carbamazepine	298464	California Proposition 65 listed for developmental	
5H-DIBENZ(B,F)AZEPINE, 10,11-DIHYDRO-3-CHLORO-5-(3-DIMETHYLAMINO)PROPYL-	Clomipramine	303491	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
5H-DIBENZ(B,F)AZEPINE, 10,11-DIHYDRO-3-CHLORO-5-(3-DIMETHYLAMINO)PROPYL-	Clomipramine	303491	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5H-DIBENZ(B,F)AZEPINE, 5-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-10,11-DIHYDRO-	Trimipramine	739719	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
5H-DIBENZ(B,F)AZEPINE, 5-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-10,11-DIHYDRO-	Trimipramine	739719	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline (INN) and its salts	50486	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline and its salts	50486	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline hydrochloride	549188	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline hydrochloride	549188	Classified as 'may cause harm to breastfed children' (GHS H362).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline hydrochloride	549188	Classified as 'toxic in contact with skin' (GHS H311).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline hydrochloride	549188	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
5H-DIBENZO(A,D)CYCLOHEPTENE-DELTA(SUP 5),GAMMA-PROPYLAMINE, 10,11-DIHYDRO-N,N-DIMETHYL-	Amitriptyline hydrochloride	549188	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
5H-PYRIDO(4,3-B)INDOLE, 3-AMINO-1-METHYL-	TrpP2 (3Amino1methyl5<i>H</i></i>pyrido[4,3<i>b</i></i>indole)	62450071	Possibly carcinogenic to humans' IARC (Category 2B, Volume 31, Sup 7 1987)	
5H-PYRIDO(4,3-B)INDOLE, 3-AMINO-1-METHYL-	TrpP2 (TryptophanP2)	62450071	California Proposition 65 listed for cancer	
5H-PYRIDO(4,3-B)INDOLE, 3-AMINO-1,4-DIMETHYL-	TrpP1 (3Amino1,4dimethyl5<i>H</i></i>pyrido[4,3<i>b</i></i>indole)	62450060	Possibly carcinogenic to humans' IARC (Category 2B, Volume 31, Sup 7 1987)	
5H-PYRIDO(4,3-B)INDOLE, 3-AMINO-1,4-DIMETHYL-	TrpP1 (TryptophanP1)	62450060	California Proposition 65 listed for cancer	
6-(2-CHLOROETHYL)-6-(2-METHOXYETHOXY)-2,5,7,10-TETRAOXA-6-SILAUNDECANE	6 (2Chloroethyl)6(2methoxyethoxy)2,5,7,10tetraoxa6silaundecane	37894465	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	This ingredient is banned the European Union	X
6-[C12-18-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	6-[C12-18-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	-	This ingredient is banned the European Union	X
6-[C12-18-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid, sodium and tris(2-hydroxyethyl)ammonium salts	6-[C12-18-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid, sodium and tris(2-hydroxyethyl)ammonium salts	-	This ingredient is banned the European Union	X
6-Acetyl-1,1,2,4,4,7-hexamethyltetraline	1(5,6,7,8tetrahydro3,5,5,6,8,8hexamethyl2naphthyl)ethan1one	21145777	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
6-Acetyl-1,1,2,4,4,7-hexamethyltetraline	6Acetyl1,1,2,4,4,7hexamethyltetraline	21145777	Synthetic musk fragrances contaminate the environment and are detected in humans.	
6-AMINO-O-CRESOL	6 Aminocresol and its salts, when used as a substance in hair dye products	17672229	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-AMINOCAPROIC ACID	Aminocaproic acid (INN) and its salts	60322	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-CHLORO-5-(2-CHLOROETHYL)-1,3-DIHYDROINDOL-2-ONE	6chloro5(2chloroethyl)1,3dihydroindol2one	118289557	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
6-DIMETHYLAMINOHEXAN-1-OL	6dimethylaminohexan1ol	1862073	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
6-ETHYL-5-FLUORO-4(3H)-PYRIMIDONE	6ethyl5fluoro4(3H)pyrimidone	137234878	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
6-HYDROXY-1-(3-ISOPROPOXYPROPYL)-4-METHYL-2-OXO-5-[4-(PHENYLAZO)PHENYLAZO]-1,2-DIHYDRO-3-PYRIDINECARBONITRILE	6 Hydroxy1(3Isopropoxypropyl)4methyl2oxo5[4(phenylazo)phenylazo]1,2dihydro3pyridinecarbonitrile	85136749	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-METHOXY-2,3-PYRIDINEDIAMINE HCL	6 Methoxy2,3pyridinediamine and its HCl salt, when used as a substance in hair dye products	94166628	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-METHOXY-M-TOLUIDINE	<para>Cresidine	120718	Possibly carcinogenic to humans' IARC (Category 2B, Volume 27, Sup 7 1987)	
6-METHOXY-M-TOLUIDINE	6 Methoxytoluidine (pCresidine)	120718	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-METHOXY-M-TOLUIDINE	6methoxytoluidine	120718	Classified as 'may cause cancer' (GHS H350).	
6-METHOXY-M-TOLUIDINE	pCresidine	120718	California Proposition 65 listed for cancer	
6-METHOXY-M-TOLUIDINE	pCresidine	120718	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
6-METHOXY-M-TOLUIDINE	pCresidine	120718	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
6-METHYL COUMARIN	6Methylcoumarin (Toncarine)	92488	Prohibited by the International Fragrance Association for use in fragrance.	
6-METHYL-2,4-BIS(METHYLTHIO)PHENYLENE-1,3-DIAMINE	A mixture of: 3,5dimethylthio2,4toluenediamine; 3,5dimethylthio2,6toluenediamine	106264793	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
6-NITRO-2,5-PYRIDINEDIAMINE	6 Nitro2,5pyridinediamine and its salts, when used as a substance in hair dye products	69825838	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-NITRO-O-TOLUIDINE	6 Nitroootoluidine	570241	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6-NITRO-O-TOLUIDINE	6Nitroootoluidine	570241	Classified as 'toxic in contact with skin' (GHS H311).	
6-NITRO-O-TOLUIDINE	6Nitroootoluidine	570241	Classified as 'toxic if inhaled' (GHS H331).	
6,10,14-Trimethyl-2-pentadecanone	6,10,14trimethylpentadecanone	502692	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
6,14-ETHENOMORPHINAN-7-METHANOL, 17-(CYCLOPROPYLMETHYL)-ALPHA-(1,1-DIMETHYLETHYL)-4,5-EPOXY-	Buprenorphine	52485797	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
6,14-ETHENOMORPHINAN-7-METHANOL, 17-(CYCLOPROPYLMETHYL)-ALPHA-(1,1-DIMETHYLETHYL)-4,5-EPOXY-	Buprenorphine	52485797	Classified as 'may cause harm to breastfed children' (GHS H362).	
6,14-ETHENOMORPHINAN-7-METHANOL, 17-(CYCLOPROPYLMETHYL)-ALPHA-(1,1-DIMETHYLETHYL)-4,5-EPOXY-	Buprenorphine	52485797	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
6,14-ETHENOMORPHINAN-7-METHANOL, 17-(CYCLOPROPYLMETHYL)-ALPHA-(1,1-DIMETHYLETHYL)-4,5-EPOXY-	Buprenorphine	52485797	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
6,14-ETHENOMORPHINAN-7-METHANOL, ALPHA-(1,1-DIMETHYLETHYL)-4,5-EPOXY-18,19-DIHYDRO-3-HYDROXY-	(2S)(5R)7(2hydroxy3,3dimethylbutan2yl)6methoxy18,19dihydro4,5epoxy6,14ethenomorphinan3ol	78715238	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol;[DBMC]	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol;[DBMC]	119-47-1	This ingredient is banned the European Union	X
6A-BETA-APORPHINE-10,11-DIOL	Apomorphine ((R) 5,6,6a,7tetrahydro6methyl4Hibenzo[de,g]quinoline10,11diol)) and its salts	58004	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
6A-BETA-APORPHINE-10,11-DIOL	Apomorphine and its salts	58004	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
6H-1,3,2-OXATHIASTANNIN-6-ONE, DIHYDRO-2,2-DIOCTYL-	Dihydro2,2dioctyl6H1,3,2oxathiasannin6one	3033292	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
6H-PURIN-6-ONE, 1,9-DIHYDRO-2-AMINO-9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-,MONOSODIUM	Ganciclovir sodium	107910758	California Proposition 65 listed for developmental, male	
7-AMINO-3-((5-CARBOXYMETHYL-4-METHYL-1,3-THIAZOL-2-YLTHIO)METHYL)-8-OXO-5-THIA-1-AZABICYCLO[4.2.0]OCT-2-ENE-2-CARBOXYLIC ACID	(6R,7R)7amino3(((5(carboxymethyl)4methyl1,3thiazol2yl)sulfanyl)methyl)8oxo5thia1azabicyclo[4.2.0]oct2ene2carboxylic acid	111298829	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
7-ETHYLBICYCLOOXAZOLIDINE	7aethyldihydro1H,3H,5Hoxazolo[3,4c]oxazole	7747355	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ANHYDRIDE, 2,3-DIMETHYL-	Cantharides, Cantharidin and Cantharis vesicatoria	92457175; 56257; 80558505	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
7-OXABICYCLO(2.2.1)HEPTANE-2,3-DICARBOXYLIC ANHYDRIDE, 2,3-DIMETHYL-	Cantharidine	56257	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
7-OXABICYCLO(4.1.0)HEPTANE	1,2epoxycyclohexane	286204	Classified as 'suspected of causing genetic defects' (GHS H341).	
7-OXABICYCLO(4.1.0)HEPTANE	1,2epoxycyclohexane	286204	Classified as 'toxic in contact with skin' (GHS H311).	
7-OXABICYCLO(4.1.0)HEPTANE	1,2epoxycyclohexane	286204	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
7-OXABICYCLO(4.1.0)HEPTANE	1,2epoxycyclohexane	286204	Classified as 'toxic if inhaled' (GHS H331).	
7-OXABICYCLO(4.1.0)HEPTANE, 3-VINYL-	1,2epoxy4vinylcyclohexane	106865	Classified as 'may cause cancer' (GHS H350).	
7-OXABICYCLO(4.1.0)HEPTANE, 3-VINYL-	1,2epoxy4vinylcyclohexane	106865	Classified as 'suspected of causing cancer' (GHS H351).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
7H-BENZ(DE)ANTHRACEN-7-ONE, 3-NITRO-	3Nitrobenzanthrone	17117349	Possibly carcinogenic to humans' IARC (Category 2B, Volume 105 2014)	
7H-BENZ(DE)ANTHRACEN-7-ONE, 3-NITRO-	3Nitrobenzanthrone	17117349	Listed as an IARC Group 2B Carcinogen	
7H-DIBENZO(C,G)CARBAZOLE	7HDibenzof<i>c</i><i>g</i>carbazole	194592	Possibly carcinogenic to humans' IARC (Category 2B, Volume 32, Sup 7, 103 2013)	
7H-DIBENZO(C,G)CARBAZOLE	7HDibenzof<i>c,g</i>carbazole	194592	California Proposition 65 listed for cancer	
7H-DIBENZO(C,G)CARBAZOLE	7HDibenzof<i>c,g</i>carbazole (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	194592	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
7H-DIBENZO(C,G)CARBAZOLE	7HDibenzof<i>c,g</i>carbazole	194592	Listed as an IARC Group 2B Carcinogen	
7H-DIBENZO(C,G)CARBAZOLE	7HDibenzof<i>c,g</i>carbazole	194592	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 2,5,9-TRIMETHYL-	Furocoumarines (e.g. trioxysalen (INN), 8 methoxypsoralen, 5methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarines shall be below 1 mg/kg	298817; 484208; 3902714	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 4-METHOXY-	5Methoxypsoralen	484208	Probably carcinogenic to humans' IARC (Category 2A, Volume 40, Sup 7 1987)	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 4-METHOXY-	5Methoxypsoralen with ultraviolet A therapy	484208	California Proposition 65 listed for cancer	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 4-METHOXY-	Furocoumarines (e.g. trioxysalen (INN), 8 methoxypsoralen, 5methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarines shall be below 1 mg/kg	298817; 484208; 3902714	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-(3-METHYL-2-BUTENYL)OXY-	Imperatorin	482440	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-(3-METHYL-2-BUTENYL)OXY-	Imperatorin (9 (3methylbut2enyloxy)furo[3,2g]chromen7one)	482440	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-METHOXY-	8Methoxypsoralen with ultraviolet A therapy	298817	California Proposition 65 listed for cancer	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-METHOXY-	Furocoumarines (e.g. trioxysalen (INN), 8 methoxypsoralen, 5methoxypsoralen) except for normal content in natural essences used. In sun protection and in bronzing products, furocoumarines shall be below 1 mg/kg	298817; 484208; 3902714	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-METHOXY-	Methoxsalen (8methoxypsoralen) plus ultraviolet A radiation	298817	Carcinogenic to humans' IARC (Category 1, Volume 24, Sup 7, 100A 2012)	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-METHOXY-	Methoxsalen (see Methoxsalen with Ultraviolet A Therapy)	298817	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
7H-FURO(3,2-G)(1)BENZOPYRAN-7-ONE, 9-METHOXY-	Methoxsalen	298817	Listed on the 14th Report on Carcinogens as a known carcinogen	
7H-FURO(3',2',4,5)FURO(2,3-C)XANTHEN-7-ONE, 3A,12C-DIHYDRO-8-HYDROXY-6-METHOXY-	Sterigmatocystin	10048132	California Proposition 65 listed for cancer	
7H-FURO(3',2',4,5)FURO(2,3-C)XANTHEN-7-ONE, 3A,12C-DIHYDRO-8-HYDROXY-6-METHOXY-	Sterigmatocystin	10048132	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
8-CYCLOHEXADECENONE	A mixture of cis and transcyclohexadec8en1one	3100365	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
8-HYDROXYQUINOLINE SULFATE	Bis(8hydroxyquinolinium) sulphate	134316; 207386912	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
8-HYDROXYQUINOLINE SULFATE	Hydroxy 8quinoline and its sulphate, except for the uses provided for in No 51 in Annex III	148243; 134316	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
8-OXA-3,5-DITHIA-4-STANNATETRADECANOIC ACID, 10-ETHYL-4,4-DIOCTYL-7-OXO-, 2-ETHYLHEXYL ESTER	2ethylhexyl 10ethyl4,4dioctyl7oxo8oxa3,5dithia4stannatetradecanoate	15571581	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
8-OXA-3,5-DITHIA-4-STANNATETRADECANOIC ACID, 10-ETHYL-4,4-DIOCTYL-7-OXO-, 2-ETHYLHEXYL ESTER	2ethylhexyl 10ethyl4,4dioctyl7oxo8oxa3,5dithia4stannatetradecanoate	15571581	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
8-QUINOLINOL, 2-METHYL-	2methylquinolin8ol	826813	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
8-QUINOLINOL, 5-NITRO-	Nitroxoline (INN) and its salts	4008484	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
8-QUINOLINOL, 5-NITRO-	Nitroxoline and its salts	4008484	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
80-54-6	2(4tertButylbenzyl)propionaldehyde	80546	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
9-ANTHRACENEMETHANOL	9anthracenemethanol	1468957	Classified as 'suspected of causing genetic defects' (GHS H341).	
9-OCTADECENENITRILE, (Z)-	Oleonitrile	112914	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
9-VINYLCARBAZOLE	9 Vinylcarbazole	1484135	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
9,10-Anthracenedione, 1,4-bis[(2,4,6-trimethylphenyl)amino]-	9,10Anthracenedione, 1,4bis[(2,4,6trimethylphenyl)amino]	116756	Non FDA approved colorant.	
9,10-ANTHRACENEDIONE, 2-ETHYL-	2ethylanthraquinone	84515	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
9H-FLUORENE, 2-NITRO-	2Nitrofluorene	607578	California Proposition 65 listed for cancer	
9H-FLUORENE, 2-NITRO-	2Nitrofluorene	607578	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 105 2014)	
9H-FLUORENE, 2-NITRO-	2Nitrofluorene	607578	Listed as an IARC Group 2B Carcinogen	
9H-PYRIDO(2,3-B)INDOLE, 2-AMINO-	AalphaC (2Amino9<i>H</i><i>pyrido[2,3<i>b</i></i>]indole)	26148685	Possibly carcinogenic to humans' IARC (Category 2B, Volume 40, Sup 7 1987)	
9H-PYRIDO(2,3-B)INDOLE, 2-AMINO-	AalphaC (2Amino9Hpyrido[2,3b]indole)	26148685	California Proposition 65 listed for cancer	
9H-PYRIDO(2,3-B)INDOLE, 2-AMINO-3-METHYL-	MealphaC (2Amino3methyl9Hpyrido[2,3b]indole)	68006837	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
9H-PYRIDO(2,3-B)INDOLE, 2-AMINO-3-METHYL-	MeAlphaC (2Amino3methyl9<H</>pyrido[2,3<b</b>]indole)	68006837	Possibly carcinogenic to humans' IARC (Category 2B, Volume 40, Sup 7 1987)	
ABSORPTION OILS, BICYCLO AROM. AND HETEROCYCLIC HYDROCARBON FRACTION	Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction, if they contain > 0.005 % w/w benzo[a]pyrene	101316454	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACACIA SENEGAL GUM	Gum Arabic	9000015	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ACACIA SENEGAL GUM	Gum Arabic	90000105	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'may cause genetic defects' (GHS H340).	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'may cause cancer' (GHS H350).	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'toxic in contact with skin' (GHS H311).	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACENAPHTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	83329	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACENAPHTHENE	Acenaphthene	83329	EPA IRIS 'human carcinogen'.	
ACENAPHTHENE	Acenaphthene	83329	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETALDEHYDE	Acetaldehyde	75070	California Proposition 65 listed for cancer	
ACETALDEHYDE	Acetaldehyde	75070	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETALDEHYDE	Acetaldehyde	75070	EPA IRIS 'probable carcinogen'.	
ACETALDEHYDE	Acetaldehyde	75070	Possibly carcinogenic to humans' IARC (Category 2B, Volume 36, Sup 7, 71 1999)	
ACETALDEHYDE	Acetaldehyde associated with consumption of alcoholic beverages	75070	Carcinogenic to humans' IARC (Category 1, Volume 100E 2012)	
ACETALDEHYDE	Acetaldehyde	75070	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ACETALDEHYDE, POLYMERS	Metaldehyde	9002919	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETALDEHYDE, POLYMERS	Metaldehyde	9002919	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETAMIDE	acetamide	60355	California Proposition 65 listed for cancer	
ACETAMIDE	acetamide	60355	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETAMIDE	acetamide	60355	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7, 71 1999)	
ACETAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N, N-DIETHYL-	2 (4Allyl2methoxyphenoxy)N,Ndiethylacetamide and its salts	305135	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETAMIDE, 2-(4-ALLYL-2-METHOXYPHENOXY)-N, N-DIETHYL-	2(4Allyl2methoxyphenoxy)N,Ndiethylacetamide and its salts	305135	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETAMIDE, 2-(P-(2-HYDROXY-3-(ISOPROPYLAMINO)PROPOXY)PHENYL)-	Atenolol	29122687	California Proposition 65 listed for developmental	
ACETAMIDE, 2,2-DIBROMO-N-(PHENYLSULFONYL)-	Benzene, mono C1013alkyl derivs, dist residues, sulfonated; Benzene, mono C1013alkyl derivs, distn residues, sulfonated / EC 931..206.;7; DABS; DABS	36965363	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-(METHYLSULFONYL)PHENETHYL)-,D-	Thiamphenicol	15318453	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-(METHYLSULFONYL)PHENETHYL)-,D-	Thiamphenicol	15318453	Classified as 'may cause harm to breastfed children' (GHS H362).	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-NITROPHENETHYL)-,ALPHA-ESTER	Chloramphenicol sodium succinate	982570	California Proposition 65 listed for cancer	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-NITROPHENETHYL)-,ALPHA-ESTER	Chloramphenicol sodium succinate	982570	California Prop65 Chemical (cancer)	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-NITROPHENETHYL)-,D-(-)-THREO-	Chloramphenicol	56757	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-NITROPHENETHYL)-,D-(-)-THREO-	Chloramphenicol	56757	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 50 1990)	
ACETAMIDE, 2,2-DICHLORO-N-(BETA-HYDROXY-ALPHA-(HYDROXYMETHYL)-P-NITROPHENETHYL)-,D-(-)-THREO-	Chloramphenicol	56757	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ACETAMIDE, N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-	<N</>[4(5Nitro2furyl)2thiazolyl]acetamide	531828	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
ACETAMIDE, N-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)-	N[4(5Nitro2furyl)2thiazolyl]acetamide	531828	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ACETAMIDE, N-(5-CHLORO-2-BENZOXAZOLYL)-	N (5Chlorobenzoxazolyl)acetamide	35783574	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETAMIDE, N-(5-CHLORO-2-BENZOXAZOLYL)-	N5Chlorobenzoxazolylacetamide and its salts	35783574	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETAMIDE, N-(5-SULFAMOYL-1,3,4-THIAZOL-2-YL)-	Acetazolamide	59665	California Proposition 65 listed for developmental	
ACETAMIDE, N-FLUOREN-2-YL-	2Acetylaminofluorene	53963	California Proposition 65 listed for cancer	
ACETAMIDE, N-FLUOREN-2-YL-	2Acetylaminofluorene	53963	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETAMIDE, N-FLUOREN-2-YL-	2Acetylaminofluorene	53963	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
Acetamidrid	(1E)-N-[[6-chloropyridin-3-yl)methyl]-N'-cyano-N-methylethanimidamide; (E)-N1-[[6-chloro-3-pyridyl)methyl]-N2-cyano-N1-methylacetamidine	135410-20-7/160430-64-8	This ingredient is banned the European Union	X
ACETANILIDE, 2-(DIETHYLAMINO)-2'-PHENOXY-, HYDROCHLORIDE	Molybdic acid, compounds with ditridecylamine (1:1), branched; ; S250; S250	64046544	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETANILIDE, 4'-AMINO-	4'aminoacetanilide	122805	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ACETIC ACID, ((5-CHLORO-8-QUINOLINYL)OXY)-, 1-METHYLHEXYL ESTER	(2R)heptan2yl 2[(5chloroquinolin8yl)oxy]acetate (2S)heptan2yl 2[(5chloroquinolin8yl)oxy]acetate	99607702	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETIC ACID, (2,4-DICHLOROPHENOXY)-, COMPD. WITH DIMETHYLAMINE (1:1)	Dimethylammonium 2,4dichlorophenoxyacetate	2008391	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETIC ACID, (4-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, CHOLESTERYL ESTER	Phenesterin	3546109	California Proposition 65 listed for cancer	
ACETIC ACID, (4-CHLORO-2-METHYLPHENOXY)-, 2-ETHYLHEXYL ESTER	2ethylhexyl (4chloro2methylphenoxy)acetate	29450451	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETIC ACID, (ETHYLENEDINITRIL)OTETRA-, CADMIUM(II) COMPLEX	Cadmium Compounds	15954913	Listed on the 14th Report on Carcinogens as a known carcinogen	
ACETIC ACID, (ETHYLENEDINITRIL)OTETRA-, CHROMIUM(III) COMPLEX	Chromium Compounds	17099808	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ACETIC ACID, (ETHYLENEDINITRIL)OTETRA-, NICKEL(II) COMPLEX	Dihydrogen [[N,N'ethylenebis[N(carboxymethyl)glycinate]][(4)N,N',O,O',ON,ON']nickelate (2)	25481214	Classified as 'suspected of causing cancer' (GHS H351).	
ACETIC ACID, (ETHYLENEDINITRIL)OTETRA-, NICKEL(II) COMPLEX	Nickel Compounds	25481214	Listed on the 14th Report on Carcinogens as a known carcinogen	
ACETIC ACID, (O-(2,6-DICHLOROANILINO)PHENYL)-	Diclofenac	15307865	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACETIC ACID, (P-NITROPHENYL)-	4nitrophenylacetic acid	104030	Classified as 'suspected of causing genetic defects' (GHS H341).	
ACETIC ACID, (P-NITROPHENYL)-	4nitrophenylacetic acid	104030	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETIC ACID, 2-(HYDROXYETHYLIMINO)DI-	2hydroxyethyliminodi(acetic acid)	93629	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, BERYLLIUM SALT	Beryllium Compounds	543817	Listed on the 14th Report on Carcinogens as a known carcinogen	
ACETIC ACID, BIS(4-HYDROXY-2-OXO-2H-1-BENZOPYRAN-3-YL)-, ETHYL ESTER	Ethyl bis(4 hydroxy2oxo1benzopyran3yl)acetate and salts of the acid	548005	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETIC ACID, BIS(4-HYDROXY-2-OXO-2H-1-BENZOPYRAN-3-YL)-, ETHYL ESTER	Ethyl biscoumacetate and salts of the acid	548005	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETIC ACID, BROMO-, METHYL ESTER	Methyl bromoacetate	96322	Classified as 'toxic in contact with skin' (GHS H311).	
ACETIC ACID, BROMO-, METHYL ESTER	Methyl bromoacetate	96322	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, BROMO-, METHYL ESTER	Methyl bromoacetate	96322	Classified as 'toxic if inhaled' (GHS H331).	
ACETIC ACID, BROMOCHLORO-	Bromochloroacetic acid	5589968	California Proposition 65 listed for cancer	
ACETIC ACID, BROMOCHLORO-	Bromochloroacetic acid	5589968	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
ACETIC ACID, BROMOCHLORO-	Bromochloroacetic acid	5589968	Listed as an IARC Group 2B Carcinogen	
ACETIC ACID, BROMOCHLORO-	ACETIC ACID, BROMOCHLORO-	5589968	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, BROMODICHLORO-	Bromodichloroacetic acid	71133147	California Proposition 65 listed for cancer	
ACETIC ACID, BROMODICHLORO-	Bromodichloroacetic acid	71133147	California Prop65 Chemical (cancer)	
ACETIC ACID, BROMODICHLORO-	ACETIC ACID, BROMODICHLORO-	71133147	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, BROMODICHLORO-	ACETIC ACID, BROMODICHLORO-	71133147	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, CADMIUM SALT, DIHYDRATE	Cadmium Compounds	57430404	Listed on the 14th Report on Carcinogens as a known carcinogen	
ACETIC ACID, CHLORO-, 1,1-DIMETHYLETHYL ESTER	tertbutyl chloroacetate	107595	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, CHLORO-, 1,1-DIMETHYLETHYL ESTER	tertbutyl chloroacetate	107595	Classified as 'toxic if inhaled' (GHS H331).	
ACETIC ACID, CHLORO-, 1,1-DIMETHYLETHYL ESTER	tertbutyl chloroacetate	107595	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ACETIC ACID, CHROMIUM(2+) SALT, HYDRATE	Chromium Compounds	628524	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ACETIC ACID, CHROMIUM(3+) SALT, HYDRATE	Chromium Compounds	25013825	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ACETIC ACID, COPPER(2+) SALT, MONOHYDRATE	Copper di(acetate)	142712; 6046931	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, COPPER(2+) SALT, MONOHYDRATE	Copper di(acetate)	142712; 6046931	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETIC ACID, CYANO-	Cyanoacetic acid	372098	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ACETIC ACID, CYANO-	Cyanoacetic acid	372098	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, DIBROMO-	Dibromoacetic acid	631641	California Proposition 65 listed for cancer	
ACETIC ACID, DIBROMO-	Dibromoacetic acid	631641	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
ACETIC ACID, DIBROMO-	Dibromoacetic acid	631641	Listed as an IARC Group 2B Carcinogen	
ACETIC ACID, DIBROMO-	ACETIC ACID, DIBROMO-	631641	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, DIBROMOCHLORO-	ACETIC ACID, DIBROMOCHLORO-	5278955	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, DIFLUORO-	Difluoroacetic acid	381737	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, HYDRAZIDE	Acetohydrazide	1068571	Classified as 'suspected of causing genetic defects' (GHS H341).	
ACETIC ACID, HYDRAZIDE	Acetohydrazide	1068571	Classified as 'suspected of causing cancer' (GHS H351).	
ACETIC ACID, HYDRAZIDE	Acetohydrazide	1068571	Classified as 'toxic if inhaled' (GHS H331).	
ACETIC ACID, LANTHANUM(3+) SALT	Lanthanum(3+) acetate	917704	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETIC ACID, LEAD(4+) SALT	Lead tetraacetate	546678	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ACETIC ACID, LEAD(4+) SALT	Lead tetraacetate	546678	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETIC ACID, LITHIUM SALT	Lithium acetate	546894	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACETIC ACID, MERCAPTO-, 2-ETHYLHEXYL ESTER	2ethylhexyl mercaptoacetate	7659861	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETIC ACID, NITRILOTRI-, TRISODIUM SALT, MONOHYDRATE	Nitrilotriacetic acid, trisodium salt monohydrate	18662538	California Proposition 65 listed for cancer	
ACETIC ACID, O-(2,6-DICHLOROANILINO)PHENYL-, MONOSODIUM SALT	sodium [2[(2,6dichlorophenyl)amino]phenyl]acetate	15307796	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACETIC ACID, PALLADIUM(2+) SALT	Palladium(II) acetate	3375313	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETIC ACID, SULFO-	Sulphoacetic acid	123433	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, THIO-	THIOACETIC ACID	507095	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ACID, THIO-	THIOACETIC ACID	507095	Classified as 'toxic if inhaled' (GHS H331).	
ACETIC ACID, TRIBROMO-	ACETIC ACID, TRIBROMO-	75967	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACETIC ACID, TRIFLUORO-, ANHYDRIDE	Trifluoroacetic anhydride	407250	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ANHYDRIDE	acetic anhydride	108247	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETIC ANHYDRIDE	acetic anhydride	108247	Classified as 'fatal if inhaled' (GHS H330).	
ACETIC ANHYDRIDE	acetic anhydride	108247	Classified as 'toxic if inhaled' (GHS H331).	
ACETIMIDIC ACID, N-(TRIMETHYLSILYL)-, TRIMETHYLSILYL ESTER	Trimethylsilyl Ntrimethylsilylacetamidate	10416598	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETOACETIC ACID, 4-CHLORO-, ETHYL ESTER	Ethyl 4chloroacetoacetate	638073	Classified as 'fatal in contact with skin' (GHS H310).	
ACETOACETIC ACID, 4-CHLORO-, ETHYL ESTER	Ethyl 4chloroacetoacetate	638073	Classified as 'toxic in contact with skin' (GHS H311).	
ACETOACETIC ACID, 4-CHLORO-, ETHYL ESTER	Ethyl 4chloroacetoacetate	638073	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETOHYDROXAMIC ACID	Acetohydroxamic acid	546883	California Proposition 65 listed for developmental	
ACETOHYDROXAMIC ACID, N-FLUOREN-2-YL-, NICKEL(2+) COMPLEX	Nickel Compounds	14751769	Listed on the 14th Report on Carcinogens as a known carcinogen	
ACETONE	Acetone	67641	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ACETONE, OXIME	Acetone oxime	127060	Classified as 'suspected of causing cancer' (GHS H351).	
ACETONITRILE	Acetonitrile	75058	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETONITRILE	Acetonitrile	75058	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACETONITRILE	acetonitrile; trifluoroborane	420166	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETONITRILE, (1-NAPHTHYL)-	1naphthylacetonitrile	132752	Classified as 'toxic in contact with skin' (GHS H311).	
ACETONITRILE, (1-NAPHTHYL)-	1naphthylacetonitrile	132752	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ACETONITRILE, 2,2'-((6-AMINO-1,3,5-TRIAZINE-2,4-DIYL)DIIMINO)BIS-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
ACETONITRILE, DIBROMO-	Dibromoacetonitrile	3252435	California Proposition 65 listed for cancer	
ACETONITRILE, DIBROMO-	Dibromoacetonitrile	3252435	Possibly carcinogenic to humans' IARC (Category 2B, Volume 52, 71, 101 2013)	
ACETONITRILE, DIBROMO-	Dibromoacetonitrile	3252435	Listed as an IARC Group 2B Carcinogen	
ACETONYLACETONE	2,5Hexanedione	110134	California Proposition 65 listed for male	
ACETONYLACETONE	2,5Hexanedione	110134	California Prop65 Chemical (male)	
ACETOPHENONE, 2-CHLORO-4'-FLUORO-	_chloro4fluoroacetophenone	456042	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETOPHENONE, 2-CHLORO-4'-FLUORO-	_chloro4fluoroacetophenone	456042	Classified as 'fatal if inhaled' (GHS H330).	
ACETOPHENONE, 2-CHLORO-4'-FLUORO-	_chloro4fluoroacetophenone	456042	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETOPHENONE, 2',4'-DICHLORO-2-(1-IMIDAZOLYL)-, NITRATE	1[2(2,4dichlorophenyl)2oxoethyl]1Himidazole mononitrate	24155291	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETYL BROMIDE	Acetyl bromide	506967	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETYL CHLORIDE, DIPHENYL-	_phenylbenzeneacetyl chloride	1871767	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETYL CHLORIDE, TRIFLUORO-	Trifluoroacetyl chloride	354325	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACETYL CHLORIDE, TRIFLUORO-	Trifluoroacetyl chloride	354325	Classified as 'fatal if inhaled' (GHS H330).	
ACETYL TRIFLUOROMETHYLPHENYL VALYLGLYCINE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ACETYLACETONE	pentane2,4dione	123546	Classified as 'toxic in contact with skin' (GHS H311).	
ACETYLACETONE	pentane2,4dione	123546	Classified as 'toxic if inhaled' (GHS H331).	
ACETYLCEDRENE	[3R(3_3a_7_8a_)]1(2,3,4,7,8,8ahexahydro3,6,8,8tetramethyl1H3a,7methanoazulen5yl)ethan1one	32388559	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACETYLENICARBOXYLIC ACID, MONOPOTASSIUM SALT	Potassium hydrogen butynedioate	928041	Classified as 'fatal in contact with skin' (GHS H310).	
ACETYLENICARBOXYLIC ACID, MONOPOTASSIUM SALT	Potassium hydrogen butynedioate	928041	Classified as 'toxic if inhaled' (GHS H331).	
ACETYLSOPROPYLTETRAMETHYLINDANE	ACETYLSOPROPYLTETRAMETHYLINDANE	68140487	Synthetic musk fragrances contaminate the environment and are detected in humans.	
ACETYLSALICYLIC ACID	Acetylsalicylic acid	50782	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACETYLSALICYLIC ACID	Aspirin (NOTE: It is especially important not to use aspirin during the last three months of pregnancy, unless specifically directed to do so by a physician because it may cause problems in the unborn child or complications during delivery.)	50782	California Proposition 65 listed for developmental, female	
ACIBENZOLAR-S-METHYL	Smethyl benzo(1.2.3)thiadiazole7 carbothioate	135158542	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACID BLACK 107	Acid Black 107; Disodium [1{[2(hydroxyko)3,5dinitrophenyl]diazenylkN1}naphthalen2olato(2)ko][3(hydroxyko)4{[2(hydroxyko)naphthalen1yl]diazenylkN1}nitronaphthalene1sulphonato(3)]chromate(2) [SIDSep] Disodium [1{[2(hydroxyko)	12218961	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACID BLACK 107	Acid Black 107; Reaction products of diazotised 4amino3hydroxy7nitronaphthalene1sulfonic acid coupled with 2naphthol and 2amino4 (or 5)nitrophenol, chelated with chromium (3+), sodium salts	12218961	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACID BLACK 52	3 Hydroxy4[(2hydroxynaphthyl)azo]7nitronaphthalene1sulphonic acid and its salts, when used as a substance in hair dye products	16279542; 5610640	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACID BLACK 52	Chromium, 3hydroxy4[(2hydroxy1naphthalenyl)azo]7nitro1naphthalenesulfonic acid complex	5610640	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ACID BLACK 52	Chromium, 3hydroxy4[(2hydroxy1naphthalenyl)azo]7nitro1naphthalenesulfonic acid complex	5610640	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACID BLACK 52	Chromium Compounds	5610640	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Acid Blue 145	C.I. Acid Blue 145	6408806	Non FDA approved colorant.	
Acid Blue 182	Acid Blue 182	12219260	Non FDA approved colorant.	
ACID BLUE 25	C.I. Acid Blue 25	6408782	Non FDA approved colorant.	
Acid Blue 40	C.I. Acid Blue 40	6424857	Non FDA approved colorant.	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4)	Uncertified color additives subject to batch certification	3844459	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4) Lake	Uncertified color additives subject to batch certification	3844459	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Acid Blue CI 42045	Ethanaminium, N (4((4diethylamino)phenyl)(2,4disulphophenyl)methylene)2,5cyclohexadienylidene)Nethyl, hydroxide, inner salt, sodium salt (Acid Blue 1; CI 42045) when used as a substance in hair dye products	129179	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACID BROWN 13	3,3' (Sulfonylbis(2nitro4,1phenylene)imino)bis(6(phenylamino))benzenesulfonic acid and its salts, when used as a substance in hair dye products	6373791	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Acid Green 25 (Uncertified D&C Green No. 5)	Uncertified color additives subject to batch certification	4403901	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Orange 24 (Uncertified D&C Brown No. 1)	Acid Orange 24 (CI 20170), when used as a substance in hair dye products	1320076	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Acid Orange 24 (Uncertified D&C Brown No. 1)	D&C Brown No. 1	1320076	This ingredient is prohibited in cosmetics in Europe.	
Acid Orange 24 (Uncertified D&C Brown No. 1)	Uncertified color additives subject to batch certification	13200706	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
ACID ORANGE 3	Benzenesulfonic acid, 5 [(2,4dinitrophenyl)amino]2(phenylamino), and its salts, when used as a substance in hair dye products	6373746; 15347521	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Acid Orange 7 (Uncertified D&C Orange No. 4)	D&C Orange No. 4	633965	According to the classification provided by companies to ECHA in REACH registrations and CLP notifications this substance causes damage to organs through prolonged or repeated exposure.	
Acid Orange 7 (Uncertified D&C Orange No. 4)	Uncertified color additives subject to batch certification	633965	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Red 289	C.I. Acid Red 289	12220289	Non FDA approved colorant.	
Acid Red 33 (Uncertified D&C Red No. 33)	Uncertified color additives subject to batch certification	3567666	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
ACID RED 35	2,7 Naphthalenedisulfonic acid, 5(acetylamino)4hydroxy3((2methylphenyl)azo) and its salts, when used as a substance in hair dye products	6441936	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Acid Red 87 or Solvent Red 43 (Uncertified D&C Red No. 21 or 22)	Uncertified color additives subject to batch certification	17372871	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Violet 43 (Uncertified Ext. D&C Violet No. 2)	Uncertified color additives subject to batch certification	4430186	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Yellow 1 (Uncertified Ext. D&C Yellow No. 7)	Uncertified color additives subject to batch certification	846708	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5)	Uncertified color additives subject to batch certification		For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5) Lake	Uncertified color additives subject to batch certification		For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Yellow 3 (Uncertified D&C Yellow No. 10)	Uncertified color additives subject to batch certification	38615462	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	

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Acid Yellow 3 (Uncertified D&C Yellow No. 10) Lake	Uncertified color additives subject to batch certification	68814040	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Acid Yellow 73 (Uncertified D&C Yellow No. 7 or 8)	Uncertified color additives subject to batch certification	518456	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
ACONITINE	Aconitine (principal alkaloid of Aconitum napellus L.) and its salts	302272	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACONITINE	Aconitine and its salts	302272	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACORUS CALAMUS (SWEET FLAG) ROOT EXTRACT	ACORUS CALAMUS (SWEET FLAG) ROOT EXTRACT	84775393	EWG F scoring ingredient under any condition of use.	
ACRYLALDEHYDE	acrylaldehyde	107028	Classified as 'toxic in contact with skin' (GHS H311).	
ACRYLALDEHYDE	acrylaldehyde	107028	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLALDEHYDE	acrylaldehyde	107028	Classified as 'fatal if inhaled' (GHS H330).	
ACRYLALDEHYDE	acrylaldehyde	107028	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ACRYLALDEHYDE	ACRYLALDEHYDE	1070208	Probably carcinogenic to humans' IARC (Category 2A, Volume 128, 2021)	
ACRYLAMIDE	Acrylamide	79061	California Proposition 65 listed for developmental, male	
ACRYLAMIDE	Acrylamide	79061	California Proposition 65 listed for cancer	
ACRYLAMIDE	Acrylamide	79061	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACRYLAMIDE	Acrylamide	79061	EPA IRIS 'likely carcinogenic'.	
ACRYLAMIDE	Acrylamide	79061;122775193	Classified as 'may cause cancer' (GHS H350).	
ACRYLAMIDE	Acrylamide	79061;122775193	Classified as 'may cause genetic defects' (GHS H340).	
ACRYLAMIDE	Acrylamide	79061	Probably carcinogenic to humans' IARC (Category 2A, Volume 60, Sup 7 1994)	
ACRYLAMIDE	Acrylamide monomer	79061	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ACRYLAMIDE	Acrylamide, unless regulated elsewhere in this Regulation	79061	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACRYLAMIDE	Acrylamide	79061	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ACRYLAMIDE, 2-(2-FURYL)-3-(5-NITRO-2-FURYL)-	AF2 [2(2Furyl)3(5nitro2furyl)acrylamide]	3688537	Possibly carcinogenic to humans' IARC (Category 2B, Volume 31, Sup 7 1987)	
ACRYLAMIDE, 2-(2-FURYL)-3-(5-NITRO-2-FURYL)-	AF2[2(2Furyl)3(5nitro2furyl)]acrylamide	3688537	California Proposition 65 listed for cancer	
ACRYLAMIDE, N-(1,1-DIMETHYL-3-OXOBUTYL)-	N(1,1dimethyl3oxobutyl)acrylamide	2873974	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	N(hydroxymethyl)acrylamide	924425	Classified as 'suspected of causing genetic defects' (GHS H341).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	N(hydroxymethyl)acrylamide	924425	Classified as 'may cause cancer' (GHS H350).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	N(hydroxymethyl)acrylamide	924425	Classified as 'suspected of causing cancer' (GHS H351).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	N(hydroxymethyl)acrylamide	924425	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	N(hydroxymethyl)acrylamide	924425	Classified as 'may cause genetic defects' (GHS H340).	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	NMethylolacrylamide	924425	California Proposition 65 listed for cancer	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	ACRYLAMIDE, N-(HYDROXYMETHYL)-	924425	Europe prohibits this ingredient in cosmetics	
ACRYLAMIDE, N-(HYDROXYMETHYL)-	ACRYLAMIDE, N-(HYDROXYMETHYL)-	924425	Possibly carcinogenic to humans' IARC (Category 2B, Volume 130, 2022)	
ACRYLAMIDE, N-BUTOXYMETHYL-	N(butoxymethyl)acrylamide	1852160	Classified as 'may cause cancer' (GHS H350).	
ACRYLAMIDE, N-BUTOXYMETHYL-	N(butoxymethyl)acrylamide	1852160	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACRYLAMIDE, N-BUTOXYMETHYL-	N(butoxymethyl)acrylamide	1852160	Classified as 'toxic in contact with skin' (GHS H311).	
ACRYLAMIDE, N-BUTOXYMETHYL-	N(butoxymethyl)acrylamide	1852160	Classified as 'toxic if inhaled' (GHS H331).	
ACRYLAMIDE, N-BUTOXYMETHYL-	N(butoxymethyl)acrylamide	1852160	Classified as 'may cause genetic defects' (GHS H340).	
ACRYLAMIDE, N,N-DIMETHYL-	N,Ndimethylacrylamide	284957;2680037	Classified as 'toxic in contact with skin' (GHS H311).	
ACRYLAMIDE, N,N-DIMETHYL-	N,Ndimethylacrylamide	284957;2680037	Classified as 'fatal if inhaled' (GHS H330).	
ACRYLAMIDE, N,N'-METHYLENEBIS-	N,N'methylenediacrylamide	110269	Classified as 'suspected of causing cancer' (GHS H351).	
ACRYLAMIDE, N,N'-METHYLENEBIS-	N,N'methylenediacrylamide	110269	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ACRYLAMIDE, N,N'-METHYLENEBIS-	N,N'methylenediacrylamide	110269	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACRYLAMIDE, N,N'-METHYLENEBIS-	N,N'methylenediacrylamide	110269	Classified as 'may cause genetic defects' (GHS H340).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	25085023	According to the European Detergent Ingredient Database, a similar ingredient is persistent and has moderate aquatic toxicity.	
ACRYLATES COPOLYMER	ACRYLATES COPOLYMER	25133975	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
ACRYLATES COPOLYMER	ACRYLATES COPOLYMER	25133975	Nonbiodegradable microplastic and wipe/sheet ingredients.	
ACRYLATES/TRIFLUOROPROPYLMETHACRYLATE/POLYTRIME THYL SILOXYMETHACRYLATE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	79107	Classified as 'may cause genetic defects' (GHS H340).	
ACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	79107	Classified as 'may cause cancer' (GHS H350).	
ACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	79107	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC ACID	Acrylic acid	79107	EWG F scoring ingredient under any condition of use.	
ACRYLIC ACID	Acrylic acid	79107	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
ACRYLIC ACID	Acrylic acid	79107	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER	2(dimethylamino)ethyl acrylate	2439352	Classified as 'toxic in contact with skin' (GHS H311).	
ACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER	2(dimethylamino)ethyl acrylate	2439352	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC ACID, 2-(DIMETHYLAMINO)ETHYL ESTER	2(dimethylamino)ethyl acrylate	2439352	Classified as 'fatal if inhaled' (GHS H330).	
ACRYLIC ACID, 2-HYDROXYPROPYL ESTER	Trimethylolpropane Triacrylate/2Hydroxypropyl Acrylate	15625895; 999611	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ACRYLIC ACID, 2,3-DICHLORO-3-FORMYL-	Mucochloric acid	87569	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC ACID, 3-P-ANISOYL-3-BROMO-, SODIUM SALT, (E)-	Cytembena	21739913	California Proposition 65 listed for cancer	
ACRYLIC ACID, DIESTER WITH TETRAETHYLENE GLYCOL	Oxybis(2,1ethanedioxy)2,1ethanediyldiacrylate	17831719	Classified as 'suspected of causing genetic defects' (GHS H341).	
ACRYLIC ACID, DIESTER WITH TETRAETHYLENE GLYCOL	Oxybis(2,1ethanedioxy)2,1ethanediyldiacrylate	17831719	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC ACID, POLYMER WITH MALEIC ANHYDRIDE	ACRYLIC ACID, POLYMER WITH MALEIC ANHYDRIDE	26677996	According to the European Detergent Ingredient Database, a similar ingredient is persistent and has moderate aquatic toxicity.	
ACRYLIC COPOLYMER	ACRYLIC COPOLYMER		According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
ACRYLIC POLYMER	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco		Classified as 'may cause genetic defects' (GHS H340).	
ACRYLIC POLYMER	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco		Classified as 'may cause cancer' (GHS H350).	
ACRYLIC POLYMER	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco		Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLIC POLYMER	ACRYLIC POLYMER		According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
ACRYLONITRILE	acrylonitrile	107131	California Proposition 65 listed for cancer	
ACRYLONITRILE	acrylonitrile	107131	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ACRYLONITRILE	acrylonitrile	107131	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ACRYLONITRILE	acrylonitrile	107131	EPA IRIS 'probable carcinogen'.	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'may cause cancer' (GHS H350).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'suspected of causing cancer' (GHS H351).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'fatal in contact with skin' (GHS H310).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'toxic in contact with skin' (GHS H311).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'fatal if inhaled' (GHS H330).	
ACRYLONITRILE	acrylonitrile	107131	Classified as 'toxic if inhaled' (GHS H331).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ACRYLONITRILE	acrylonitrile	107131	Possibly carcinogenic to humans' IARC (Category 2B, Volume 71 1999)	
ACRYLONITRILE	acrylonitrile	107131	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ACRYLOYL CHLORIDE	Acryloyl chloride	814686	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ACRYLOYL CHLORIDE	Acryloyl chloride	814686	Classified as 'fatal if inhaled' (GHS H330).	
ACTINOMYCIN D	Actinomycin D	50760	California Proposition 65 listed for developmental	
ACTINOMYCIN D	Actinomycin D [Basis for listing changed effective February 22, 2013]	50760	California Proposition 65 listed for cancer	
ADENOSINE, 2-CHLORO-2'-DEOXY-	Cladribine	4291638	California Proposition 65 listed for developmental	
ADIPIC ACID DIHYDRAZIDE	Hydrazides and their salts	54853; 1071938; 123331	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ADIPIC ACID/ NEOPENTYL GLYCOL/ TRIMELLITIC ANHYDRIDE COPOLYMER	Acrylate Copolymer	28407730	According to the European Detergent Ingredient Database, a similar ingredient is persistent and has moderate aquatic toxicity.	
ADIPIC ACID/METHYL DEA CROSSPOLYMER	ADIPIC ACID/METHYL DEA CROSSPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
ADIPONITRILE	Adiponitrile	111693	Classified as 'fatal if inhaled' (GHS H330).	
ADONIS VERNALIS L., LEAF EXTRACT	Adonis vernalis L. and its preparations	84649730	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ADRIAMYCIN	Adriamycin	23214928	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ADRIAMYCIN	Adriamycin	23214928	Probably carcinogenic to humans' IARC (Category 2A, Volume 10, Sup 7 1987)	
ADRIAMYCIN	Adriamycin	23214928	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
AFLATOXIN	Aflatoxins	1402682	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
AFLATOXIN	Aflatoxins (B1, B2, G1, G2, M1)	1402682	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 56, 82, 100F 2012)	
AFLATOXIN	Aflatoxins	1402682	Listed on the 14th Report on Carcinogens as a known carcinogen	
AKA106	C.I. Acid Red 52	3520421	Non FDA approved colorant.	
AKA2	Trisodium 3 hydroxy4(4'sulphonatonaphthylazo)naphthalene2,7disulphonate (Acid Red 27; CI 16185) when used as a substance in hair dye products	915673	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA203	Colouring agent CI 15585	2092560; 5160021	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA203	D&C Red 8	2092560	Known to the state of California to cause cancer.	
AKA203	D&C Red No. 8	2092560	California Proposition 65 listed for cancer	
AKA203	Pigment Red 53	2092560	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AKA204	Colouring agent CI 15585	2092560; 5160021	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA204	D&C Red No. 9	5160021	California Proposition 65 listed for cancer	
AKA206	Calcium bis[2]((2hydroxynaphthyl)azo)naphthalenesulphonate]	1103395	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AKA213	Basic Violet 10	81889	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AKA213	Colouring agent CI 45170, Colouring agent CI 45170:1 (Basic Violet 10)	81889; 509342	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA213	D&C Red 19	81889	Known to the state of California to cause cancer.	
AKA213	D&C Red No. 19	81889	California Proposition 65 listed for cancer	
AKA215	Solvent Red 49:1	6373075	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AKA221	1(4methyl2nitrophenylazo)2naphthol	2425856	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AKA221	CI 12120	2425856	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AKA401	Xanthylium, 9 (2carboxyphenyl)3((2methylphenyl)amino)6((2methyl4sulfohenyl)amino), inner salt and its sodium salt (Acid Violet 9; CI 45190) when used as a substance in hair dye products	10213953; 6252762	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA405	Disodium 4 [(5chloro4methyl2sulphonatophenyl)azo]3hydroxy2naphthoate (Pigment Red 48; CI 15865) when used as a substance in hair dye products	3564214	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA501	Colouring agent CI 26105 (Solvent Red 24)	85836	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AKA501	Solvent Red 24	85836	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
AKA502	Ponceau 3R	3564098	California Proposition 65 listed for cancer	
AKA502	Ponceau 3R	3564098	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
AKA503	Ponceau MX	3761533	California Proposition 65 listed for cancer	
AKA503	Ponceau MX	3761533	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
AKA505	CI 12140	3118976	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AKA505	Colouring agent CI 12140	3118976	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALACHLOR	Alachlor	15972608	California Proposition 65 listed for cancer	
ALACHLOR	Alachlor	15972608	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ALACHLOR	Alachlor (ISO)	15972608	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALANINE, 3-(3,4-DIHYDROXYPHENYL)-, L-	Levodopa	59927	California Proposition 65 listed for developmental	
ALANINE, 3-(3,4-DIHYDROXYPHENYL)-2-METHYL-, L-(-)	Methylidopa	555306	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ALANINE, 3-(3,4-DIHYDROXYPHENYL)-2-METHYL-, L-(-)	Methylidopa	555306	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, DL-	Merphalan	531760	California Proposition 65 listed for cancer	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, DL-	Merphalan	531760	Possibly carcinogenic to humans' IARC (Category 2B, Volume 9, Sup 7 1987)	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-	Melphalan	148823	California Proposition 65 listed for developmental	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-	Melphalan	148823	California Proposition 65 listed for cancer	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-	Melphalan	148823	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-	Melphalan	148823	Carcinogenic to humans' IARC (Category 1, Volume 9, Sup 7, 100A 2012)	
ALANINE, 3-(P-(BIS(2-CHLOROETHYL)AMINO)PHENYL)-, L-	Melphalan	148823	Listed on the 14th Report on Carcinogens as a known carcinogen	
ALANINE, N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-, (-)	Ochratoxin A	303479	California Proposition 65 listed for cancer	
ALANINE, N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-, (-)	Ochratoxin A	303479	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ALANINE, N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-, (-)	Ochratoxin A	303479	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 56 1993)	
ALANINE, N-((5-CHLORO-8-HYDROXY-3-METHYL-1-OXO-7-ISOCHROMANYL)CARBONYL)-3-PHENYL-, (-)	Ochratoxin A	303479	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
Alcohols (C12-14)	Alcohols, C1214	80206822	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Alcohols, C11-14-iso-, C13-rich	Alcohols, C1114iso, C13rich	68526863	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ALDRIN	Aldrin	309002	California Proposition 65 listed for cancer	
ALDRIN	Aldrin	309002	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
ALDRIN	Aldrin	309002	EPA IRIS 'probable carcinogen'.	
ALDRIN	aldrin (ISO)	309002	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALDRIN	Dieldrin, and aldrin metabolized to dieldrin	309002	Probably carcinogenic to humans' IARC (Category 2A, Volume 5, Sup 7, 117 In prep.)	
ALGAE PEPTIDES	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
ALGAE/SEAWEED/KELP (species unspecified)	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
ALGAE/SEAWEED/KELP EXTRACT (species unspecified)	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
ALGAE/SEAWEED/KELP OIL (species unspecified)	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
ALGAE/SEAWEED/KELP POWDER (species unspecified)	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ALKANES, C1-2	Alkanes, C1 2, if they contain > 0.1% w/w Butadiene	68475570	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C1-4, C3-RICH	Alkanes, C1 4, C3rich, if they contain > 0.1% w/w Butadiene	90622552	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C10-13, CHLORO	Alkanes, C10 13, chloro	85535848	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C10-13, CHLORO	Alkanes, C1013, chloro	85535848	Classified as 'suspected of causing cancer' (GHS H351).	
ALKANES, C10-13, CHLORO	Alkanes, C1013, chloro	85535848	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ALKANES, C10-13, CHLORO	Short chain chlorinated paraffins	85535848	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ALKANES, C12-26-BRANCHED AND LINEAR	Alkanes, C12 26 branched and linear, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	90622530	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C12-26-BRANCHED AND LINEAR	Alkanes, C1226 branched and linear	90622530	Classified as 'may cause cancer' (GHS H350).	
ALKANES, C14-17, CHLORO	Alkanes, C1417, chloro	85535859	Classified as 'may cause harm to breastfed children' (GHS H362).	
ALKANES, C14-17, CHLORO	Alkanes, C1417, chloro	85535859	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ALKANES, C14-17, CHLORO	Intermediate chain chlorinated paraffins	85535859	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ALKANES, C2-3	Alkanes, C2 3, if they contain > 0.1% w/w Butadiene	68475581	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C3-4	Alkanes, C3 4, if they contain > 0.1% w/w Butadiene	68475592	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C4-5	Alkanes, C4 5, if they contain > 0.1% w/w Butadiene	68475605	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALKANES, C4-5	ALKANES, C45	68475605	Classified as 'may cause cancer' (GHS H350).	
ALKANES, C4-5	ALKANES, C45	68475605	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ALKANES, C4-5	ALKANES, C45	68475605	Classified as 'may cause genetic defects' (GHS H340).	
Alkanes, C7-10-iso-	Alkanes, C710iso	90622563	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ALKYL BENZENE SULFONATE, ETHANOLAMINE SALT	ALKYL BENZENE SULFONATE, ETHANOLAMINE SALT	68910327	Ethanolamines can cause asthma, and contain harmful impurities	
Alkyl benzenesulfonic acid monoethanolamine salt (C10-C16)	ALKYL BENZENE SULFONATE, ETHANOLAMINE SALT	68910327	Ethanolamines can cause asthma, and contain harmful impurities	
Alkyl benzenesulfonic acid monoethanolamine salt (C10-C16)	Alkyl benzenesulfonic acid monoethanolamine salt (C10C16)	68910327	Ethanolamines can cause asthma, and contain harmful impurities	
Alkyl benzyl dimethyl ammonium chloride mixture	Alkyl Benzyl Dimethyl Ammonium Chloride Mixture	8001545	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl benzyl dimethyl ammonium chloride mixture	Benzalkonium Chloride, NOS	8001545	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
Alkyl benzyl dimethyl ammonium chloride mixture	Benzalkonium Chloride, NOS	8001545	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Alkyl Dimethyl Amine Oxides	Alkyl Dimethyl Amine Oxides		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Alkyl dimethyl benzyl ammonium chloride (C12 40%, C14 50%, C18 10%)	Alkyl Dimethyl Benzyl Ammonium Chloride (c12 40%, C14 50%, C18 10%)		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl dimethyl benzyl ammonium chloride (C14 60%, C16 30%, C12 5%, C18 5%)	Alkyl Dimethyl Benzyl Ammonium Chloride (c14 60%, C16 30%, C12 5%, C18 5%)		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl dimethyl benzyl ammonium chlorides (C12 67% C14 25% C16 7% C8-C10-C18 1%)	Alkyl Dimethyl Benzyl Ammonium Chlorides (c12 67% C14 25% C16 7% C8C10C18 1%)		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	Alkyl Dimethyl Benzyl Ammonium Chlorides (c1216)	68424851	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	BenzylC1216alkyldimethyl ammonium, chlorides	68424851	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	Quaternary ammonium compounds, benzylC1216alkyldimethyl, chlorides	68424851	Classified as 'toxic in contact with skin' (GHS H311).	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	Quaternary ammonium compounds, benzylC1216alkyldimethyl, chlorides	68424851	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	Quaternary ammonium compounds, benzylC1216alkyldimethyl, chlorides	68424851	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	BenzylC1216alkyldimethyl ammonium, chlorides	68424851	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Alkyl Dimethyl Betaines	Alkyl Dimethyl Betaines		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Alkyl dimethyl ethylbenzyl ammonium chloride (C12-14)	Alkyl Dimethyl Ethylbenzyl Ammonium Chloride (c1214)	68956796	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl dimethyl ethylbenzyl ammonium chloride (C12-14)	Dimethyl Ethyl Benzyl Ammonium Chloride	68956796	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
Alkyl dimethyl ethylbenzyl ammonium chloride (C12-14)	Dimethyl Ethyl Benzyl Ammonium Chloride	68956796	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Alkyl dimethyl ethylbenzyl ammonium chlorides	Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides (c1218)	68391015	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	BenzylC1218alkyldimethyl ammonium, chlorides	68391015	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	BenzylC1218alkyldimethyl ammonium, chlorides	68391015	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Alkyl polyglucosides	Alkyl polyglucosides		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Alkyl Trimethyl Quaternary Ammonium Compounds	Alkyl Trimethyl Quaternary Ammonium Compounds		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Alkyl Trimethyl Quaternary Ammonium Compounds	Alkyl Trimethyl Quaternary Ammonium Compounds		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Alkylbenzenesulfonic acid (C10-13), triethanolamine salt	Alkylbenzenesulfonic acid (C1013), triethanolamine salt	68584258	Ethanolamines can cause asthma, and contain harmful impurities	
Alkylbenzenesulfonic acid (C10-16), triethanolamine salt	Alkylbenzenesulfonic acid (C1016), triethanolamine salt	68411314	Ethanolamines can cause asthma, and contain harmful impurities	
Alkylphenol ethoxylates	ALKYLPHENOL ETHOXYLATES		EWG Verified doesn't allow products to use nonspecific ingredient names.	
ALKYLTRIMETHYLAMMONIUM BROMIDE	ALKYLTRIMETHYLAMMONIUM BROMIDE	68424931	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
ALLYL ALCOHOL	allyl alcohol	107186	Classified as 'fatal in contact with skin' (GHS H310).	
ALLYL ALCOHOL	allyl alcohol	107186	Classified as 'toxic in contact with skin' (GHS H311).	
ALLYL ALCOHOL	allyl alcohol	107186	Classified as 'fatal if inhaled' (GHS H330).	
ALLYL ALCOHOL	allyl alcohol	107186	Classified as 'toxic if inhaled' (GHS H331).	
ALLYL BUTYRATE	ALLYL BUTYRATE	2051787	Classified as 'toxic in contact with skin' (GHS H311).	
ALLYL GLYCIDYL ETHER	Allyl 2,3epoxypropyl ether	106923	Classified as 'suspected of causing genetic defects' (GHS H341).	
ALLYL GLYCIDYL ETHER	Allyl 2,3epoxypropyl ether	106923	Classified as 'suspected of causing cancer' (GHS H351).	
ALLYL GLYCIDYL ETHER	Allyl 2,3epoxypropyl ether	106923	Classified as 'toxic if inhaled' (GHS H331).	
ALLYL GLYCIDYL ETHER	Allyl glycidyl ether	106923	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALLYL HEPTINE CARBONATE	ALLYL HEPTINE CARBONATE	73157434	Prohibited by the International Fragrance Association for use in fragrance.	
ALLYL METHACRYLATE	Allyl methacrylate	96059	Classified as 'toxic in contact with skin' (GHS H311).	
ALLYL METHACRYLATE	Allyl methacrylate	96059	Classified as 'fatal if inhaled' (GHS H330).	
ALLYL METHACRYLATE	Allyl methacrylate	96059	Classified as 'toxic if inhaled' (GHS H331).	
ALLYLAMINE	allylamine	107119	Classified as 'fatal in contact with skin' (GHS H310).	
ALLYLAMINE	allylamine	107119	Classified as 'toxic in contact with skin' (GHS H311).	
ALLYLAMINE	allylamine	107119	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALLYLAMINE	allylamine	107119	Classified as 'fatal if inhaled' (GHS H330).	
ALLYLAMINE	allylamine	107119	Classified as 'toxic if inhaled' (GHS H331).	
ALPHA HYDROXY ACIDS	ALPHA HYDROXY ACIDS		EWG Verified doesn't allow products to use nonspecific ingredient names.	
ALPHA-NICKEL SULFIDE	Nickel (II) sulfide [1]; nickel sulfide [2]; millerite[3]	16812547; 11113750; 1314041	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ALPHA-NICKEL SULFIDE	Nickel Compounds	11113750	Listed on the 14th Report on Carcinogens as a known carcinogen	
ALUMINA	Aluminum Oxide	1344281	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ALUMINA	Aluminum Oxide	1344281	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ALUMINIUM LITHIUM HYDRIDE	Lithium tetrahydroaluminat	16853853	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINIUM NITRIDE	Aluminium nitride	24304005	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINIUM-TRI-ISOPROPOXIDE	Aluminium triisopropanolate	555317	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINIUM-TRI-ISOPROPOXIDE	Aluminium triisopropanolate	555317	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
aluminum	Aluminum	7429905	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
aluminum	Aluminum	7429905	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ALUMINUM BUTOXIDE	Aluminium trisecbutanolate	2269229	Classified as 'toxic in contact with skin' (GHS H311).	
ALUMINUM CHLORIDE	Aluminium chloride	7446700; 7784136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM CHLORIDE	Aluminum Chloride	7446700	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ALUMINUM CHLORIDE	Aluminum Chloride	7446700	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ALUMINUM CHLORIDE, HEXAHYDRATE	Aluminium chloride	7446700; 7784136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM DISTEARATE	Hydroxyaluminium distearate	300925	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
aluminum oxide	Aluminum Oxide	1344281	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ALUMINUM SODIUM OXIDE	Aluminum sodium oxide	11138491	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, CHLORODIETHYL-	Diethylaluminium chloride	96106	Classified as 'toxic in contact with skin' (GHS H311).	
ALUMINUM, CHLORODIETHYL-	Diethylaluminium chloride	96106	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, CHLORODIETHYL-	Diethylaluminium chloride	96106	Classified as 'toxic if inhaled' (GHS H331).	
ALUMINUM, CHLORODISOBUTYL-	Chlorodiisobutylaluminium	1779255	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, CHLORODISOBUTYL-	Chlorodiisobutylaluminium	1779255	Classified as 'fatal if inhaled' (GHS H330).	
ALUMINUM, DICHLOROETHYL-	Ethylaluminium dichloride	563439	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, DIISOBUTYLHYDRO-	Diisobutylaluminium hydride	1191157	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, TRICHLOROTRIETHYLDI-	Triethylaluminium trichloride	12075682	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, TRICHLOROTRIMETHYLDI-	Trichlorotrimethylaluminium	12542857	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, TRIETHYL-	Triethylaluminium	97938	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM, TRIISOBUTYL-	Triisobutylaluminium	100992	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ALUMINUM(III) NITRATE (1:3)	Aluminium nitrate	7784272; 13473900	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ALUMINUM(III) NITRATE, NONAHYDRATE (1:3:9)	Aluminium nitrate	7784272; 13473900	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ALUMINUM(III) SILICATE (2:1)	Silicic acid, aluminum salt	1335304	Classified as 'suspected of causing cancer' (GHS H351).	
AMETRYN	Ametryn	834128	Classified as 'toxic if inhaled' (GHS H331).	
AMETRYN	Ametryn	834128	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Amidoethyl Ammonium Salt	Amidoethyl Ammonium Salt		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Amidopropyl Amine Oxides	Amidopropyl Amine Oxides		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Amidopropyl Betaines	Amidopropyl Betaines		EWG Verified doesn't allow products to use nonspecific ingredient names.	
AMINES, N-C12-18-ALKYLTRIMETHYLENEDI-	Amines, NC1218alkyltrimethylenedi	68155373	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMINES, N-C12-18-ALKYLTRIMETHYLENEDI-	Amines, NC1218alkyltrimethylenedi	68155373	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMINES, N-COCO ALKYLTRIMETHYLENEDI-, ACETATES	Amines, Ncoco alkyltrimethylenedi, acetates	61791648	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMINES, N-COCO ALKYLTRIMETHYLENEDI-, ACETATES	Amines, Ncoco alkyltrimethylenedi, acetates	61791648	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMINES, POLYETHYLENEPOLY-	amines, polyethylenepolyHEPA	68131737	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMINES, POLYETHYLENEPOLY-	amines, polyethylenepolyHEPA	68131737	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
AMINES, POLYETHYLENEPOLY-	amines, polyethylenepolyHEPA	68131737	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
AMINES, TRI-C(SUB 8-10)-ALKYL-	Amines, triC810alkyl	68814959	Classified as 'may damage fertility or the unborn child' (GHS H360).	
AMINES, TRI-C(SUB 8-10)-ALKYL-	Amines, triC810alkyl	68814959	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMINO GUANIDINE BICARBONATE	Aminoguanidinium hydrogen carbonate	2582301	Classified as 'may damage fertility or the unborn child' (GHS H360).	
AMINOMETHYL PROPANOL	2amino2methylpropanol	124685	Possible nitrosamine contamination.	
AMINOPHYLLINE	Aminophylline	317340	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMINOPROPANEDIOL	3aminopropane1,2diol	616308	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMINOTRIMETHYLENE PHOSPHONIC ACID	Aminotrimethylene phosphonic acid	6419198	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
AMINOTRIMETHYLENE PHOSPHONIC ACID	Nitritotrimethylenetris(phosphonic acid)	6419198	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMITRAZ	Amitraz	33089611	California Proposition 65 listed for developmental	
AMITROLE	Amitrol = Aminotriazol	61825	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
AMITROLE	Amitrole	61825	California Proposition 65 listed for cancer	
AMITROLE	Amitrole	61825	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
AMITROLE	Amitrole (ISO)	61825	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMITROLE	Amitrole	61825	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
AMMONIA GAS	ammonia, anhydrous	7664417	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIA GAS	ammonia, anhydrous	7664417	Classified as 'toxic if inhaled' (GHS H331).	
AMMONIA GAS	Anhydrous Ammonia	7664417	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/BEHENETH-25 METHACRYLATE CROSSPOLYMER	Trimethylolpropane triacrylate, technical grade	15625895	Possibly carcinogenic to humans' IARC (Category 2B, Volume 122 In prep.)	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/BEHENETH-25 METHACRYLATE CROSSPOLYMER	Trimethylolpropane Triacrylate/2Hydroxypropyl Acrylate	15625895; 999611	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/BEHENETH-25 METHACRYLATE CROSSPOLYMER	Trimethylolpropane triacrylate, technical grade	15625895	Listed as an IARC Group 2B Carcinogen	
AMMONIUM ACRYLYL DIMETHYLTAURATE / VP COPOLYMER	AMMONIUM ACRYLYL DIMETHYLTAURATE / VP COPOLYMER		Polyquaternium compounds are persistent and have high aquatic toxicity.	
AMMONIUM BIFLUORIDE	Ammonium hydrogendifluoride	1341497	Classified as 'fatal in contact with skin' (GHS H310).	
AMMONIUM BIFLUORIDE	Ammonium hydrogendifluoride	1341497	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM BIFLUORIDE	Ammonium hydrogendifluoride	1341497	Classified as 'toxic if inhaled' (GHS H331).	
Ammonium bromide	Ammonium bromide	12124-97-9	This ingredient is banned the European Union	X
AMMONIUM CARBONATE	Diammonium carbonate	506876	Classified as 'may cause cancer' (GHS H350).	
AMMONIUM CARBONATE	Diammonium carbonate	506876	Classified as 'may cause genetic defects' (GHS H340).	
AMMONIUM CHLOROPALLADATE ((NH4)2PDCL6)	Diammonium hexachloropalladate	19168231	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
AMMONIUM DICHROMATE	Ammonium Bichromate	77890905	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'may cause cancer' (GHS H350).	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'fatal if inhaled' (GHS H330).	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
AMMONIUM DICHROMATE	ammonium dichromate	77890905	Classified as 'may cause genetic defects' (GHS H340).	
AMMONIUM DICHROMATE	Ammonium Bichromate	7789095	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
AMMONIUM DODECYLBENZENESULFONATE	Ammonium dodecylbenzenesulphonate	1331619	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM FLUORIDE	ammonium fluoride	12125018	Classified as 'toxic in contact with skin' (GHS H311).	
AMMONIUM FLUORIDE	ammonium fluoride	12125018	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM FLUORIDE	ammonium fluoride	12125018	Classified as 'toxic if inhaled' (GHS H331).	
AMMONIUM FLUOROSILICATE	AMMONIUM HEXAFLUOROSILICATE	7440213; 16919190	Classified as 'toxic in contact with skin' (GHS H311).	
AMMONIUM FLUOROSILICATE	AMMONIUM HEXAFLUOROSILICATE	7440213; 16919190	Classified as 'toxic if inhaled' (GHS H331).	
AMMONIUM HYDROXIDE	Ammonia, aqueous solution	1336216	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
AMMONIUM HYDROXIDE	Ammonium Hydroxide, NOS	1336216	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
AMMONIUM HYDROXIDE	Ammonium Hydroxide, NOS	1336216	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
AMMONIUM HYDROXIDE	Ammonium Hydroxide, NOS	1336216	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
AMMONIUM HYDROXIDE	Ammonia Solution (29%)	1336216	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
AMMONIUM HYDROXIDE	Ammonia Solution (10%)	1336216	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Ammonium Perfluorooctanoate (APFO)	Ammonium Perfluorooctanoate (APFO)	3825261	EWG F scoring ingredient under any condition of use.	
AMMONIUM PERSULFATE	diammonium peroxodisulphate	7727540	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
AMMONIUM POLYSULPHIDES	Ammonium sulfide ((NH4)2(Sx))	9080175; 12135761	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM SULFIDE ((NH4)(SH))	Ammonium hydrogensulphide	12124991	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM SULFITE	Ammonium sulphite	10196040	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM THIOCYANATE	AMMONIUM THIOCYANATE	1762954	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMMONIUM, ((METHYLIMINO)DIETHYLENE)BIS(ETHYLDIMETHYL-, DIBROMIDE)	N,N' [(Methylimino)diethylene]bis(ethyl dimethylammonium) salts, e.g. azamethonium bromide (INN)	306536	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, (2-HYDROXY-3-CHLOROPROPYL)OCTADECYLDIMETHYL-, CHLORIDE	(3chloro2hydroxypropyl)dimethyloctadecylammonium chloride	3001636	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMMONIUM, (2,3-EPOXYPROPYL)TRIMETHYL-, CHLORIDE	2,3-EPOXYPROPYLTRIMETHYLAMMONIUM CHLORIDE	3033770	Classified as 'suspected of causing genetic defects' (GHS H341).	
AMMONIUM, (2,3-EPOXYPROPYL)TRIMETHYL-, CHLORIDE	2,3-EPOXYPROPYLTRIMETHYLAMMONIUM CHLORIDE	3033770	Classified as 'may cause cancer' (GHS H350).	
AMMONIUM, (3-CARBAMOYL-3,3-DIPHENYLPROPYL)DIISOPROPYLMETHYL-, IODIDE	N (3Carbamoyl3,3diphenylpropyl)N,ndiisopropylmethylammonium salts, e.g. isopropamide iodide (INN)	71818	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, (3-CHLORO-2-HYDROXYPROPYL)TRIMETHYL-, CHLORIDE	(3chloro2hydroxypropyl)trimethylammonium chloride	3327228	Classified as 'suspected of causing cancer' (GHS H351).	
AMMONIUM, (M-HYDROXYPHENYL)TRIMETHYL-, BROMIDE, DIMETHYLCARBAMATE	Neostigmine and its salts (e.g. neostigmine bromide (INN))	114807	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, (M-HYDROXYPHENYL)TRIMETHYL-, DIMETHYLCARBAMATE (ESTER)	Neostigmine and its salts	59994	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, (O-BROMOBENZYL)ETHYLDIMETHYL-, P-TOLUENESULFONATE	Bretylium tosilate	61756	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, (O-BROMOBENZYL)ETHYLDIMETHYL-, P-TOLUENESULFONATE	Bretylium tosilate (INN)	61756	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, (OXALYL)BIS(IMINOETHYLENE)BIS(O-CHLOROBENZYL)DIETHYL-, DICHLORIDE	[Oxalylbis(iminoethylene)]bis([o chlorobenzyl]diethylammonium) salts, e.g. ambenonium chloride (INN)	115797	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, (V-PHENYL)TRIS(OXYETHYLENE)TRIS(TRIETHYL-, TRIIODIDE)	Gallamine triethiodide	65292	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, (V-PHENYL)TRIS(OXYETHYLENE)TRIS(TRIETHYL-, TRIIODIDE)	Gallamine triethiodide (INN)	65292	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, BENZYL)DIMETHYLOCTYL-, CHLORIDE	Octyl DimethylbenzylAmmonium Chloride	959557	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
AMMONIUM, BENZYL)TRIMETHYL-, HYDROXIDE	Benzyltrimethylammonium hydroxide	100856	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-	Decamethylenebis(trimethylammonium) salts, e.g. decamethonium bromide (INN)	156741; 541220; 1420402; 3198387	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE)	Decamethylenebis (trimethylammonium) salts	541220; 3198387; 1420402	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE)	Decamethylenebis(trimethylammonium) salts, e.g. decamethonium bromide (INN)	156741; 541220; 1420402; 3198387	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DICHLORIDE)	Decamethylenebis (trimethylammonium) salts	541220; 3198387; 1420402	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DICHLORIDE)	Decamethylenebis(trimethylammonium) salts, e.g. decamethonium bromide (INN)	156741; 541220; 1420402; 3198387	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIODIDE)	Decamethylenebis (trimethylammonium) salts	541220; 3198387; 1420402	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, DECAMETHYLENEBIS(TRIMETHYL-, DIODIDE)	Decamethylenebis(trimethylammonium) salts, e.g. decamethonium bromide (INN)	156741; 541220; 1420402; 3198387	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, DIMETHYLDODECYLOCTYL-, CHLORIDE	AMMONIUM, DIMETHYLDODECYLOCTYL-, CHLORIDE	10361167	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
AMMONIUM, DODECYLDIMETHYL(2-HYDROXY-3-CHLOROPROPYL)-, CHLORIDE	(3chloro2hydroxypropyl)dodecyldimethylammonium chloride	41892017	Classified as 'fatal in contact with skin' (GHS H310).	
AMMONIUM, DODECYLDIMETHYL(2-HYDROXY-3-CHLOROPROPYL)-, CHLORIDE	(3chloro2hydroxypropyl)dodecyldimethylammonium chloride	41892017	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMMONIUM, FURFURYLTRIMETHYL-, IODIDE	Furfuryltrimethyl ammonium salts, e.g. furtrethonium iodide (INN)	541640	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, HEXAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE)	N,N' Hexamethylenebis (trimethylammonium) salts, e.g. hexamethonium bromide (INN)	55970	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, METHYLTRIOCTYL-, CHLORIDE	Methyltrioctylammonium chloride	5137553; 63393964	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AMMONIUM, PENTAMETHYLENEBIS(TRIMETHYL-, DIBROMIDE)	N,N' Pentamethylenebis(trimethylammonium) salts, e.g. pentamethonium bromide (INN)	541208	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, TETRABUTYL-, HYDROXIDE	Tetrabutylammonium hydroxide	2052495	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMMONIUM, TETRAETHYL-, BROMIDE	Tetrylammonium bromide	71910	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AMMONIUM, TETRAETHYL-, BROMIDE	Tetrylammonium bromide (INN)	71910	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AMMONIUM, TETRAPROPYL-, HYDROXIDE	Tetrapropylammonium hydroxide	4499869	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AMYL CYCLOPENTENONE	AMYL CYCLOPENTENONE	25564221	Prohibited by the International Fragrance Association for use in fragrance.	
ANDROST-4-EN-3-ONE, 17-BETA-HYDROXY-17-METHYL-	Methyltestosterone	58184	California Proposition 65 listed for developmental	
ANDROST-4-EN-3-ONE, 9-FLUORO-11-BETA,17-BETA-DIHYDROXY-17-METHYL-	Fluoxymesterone	76437	California Proposition 65 listed for developmental	
ANDROST-4-ENE-3,17-DIONE	Androstenedione	63058	California Proposition 65 listed for cancer	
ANDROSTA-1,4-DIEN-3-ONE, 17-BETA-HYDROXY-	Boldenone	846480	Classified as 'suspected of causing cancer' (GHS H351).	
ANDROSTA-1,4-DIEN-3-ONE, 17-BETA-HYDROXY-	Boldenone	846480	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ANDROSTA-1,4-DIEN-3-ONE, 17-BETA-HYDROXY-	Boldenone	846480	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ANDROSTA-1,4-DIEN-3-ONE, 17-BETA-HYDROXY-	Boldenone	846480	Classified as 'may cause harm to breastfed children' (GHS H362).	
ANDROSTA-1,4-DIENE-17-CARBOETHOIC ACID, 6,9-DIFLUORO-11-HYDROXY-16-METHYL-3-OXO-17-(1-	Fluticasone propionate	80474142	California Proposition 65 listed for developmental	
ANDROSTA-1,4-DIENE-3,17-DIONE	Androsta1,4diene3,17dione	897063	Classified as 'suspected of causing cancer' (GHS H351).	
ANDROSTA-1,4-DIENE-3,17-DIONE	Androsta1,4diene3,17dione	897063	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ANDROSTA-1,4-DIENE-3,17-DIONE	Androsta1,4diene3,17dione	897063	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ANDROSTA-1,4-DIENE-3,17-DIONE	Androsta1,4diene3,17dione	897063	Classified as 'may cause harm to breastfed children' (GHS H362).	
ANDROSTA-5,16-DIEN-3-OL, 17-(3-PYRIDINYL)-, ACETATE (ESTER), (3-BETA)-	Abiraterone acetate	154229182	California Proposition 65 listed for developmental, female, male	
ANDROSTA-5,16-DIEN-3-OL, 17-(3-PYRIDINYL)-, ACETATE (ESTER), (3-BETA)-	Abiraterone acetate	154229182	California Prop65 Chemical (developmental, female, male)	
ANGELICA SINENSIS (DONG QUAI)	Angelica sinensis		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ANILINE	aniline	62533	California Proposition 65 listed for cancer	
ANILINE	aniline	62533	EPA IRIS 'probable carcinogen'.	
ANILINE	Aniline, its salts and its halogenated and sulphonated derivatives	62533	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ANILINE	Aniline, its salts and, its halogenated and sulfonated derivatives	62533	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ANILINE	Aniline (see also Aniline hydrochloride)	62533	Listed as an IARC Group 2A Carcinogen	
ANILINE	ANILINE	62533	Probably carcinogenic to humans' IARC (Category 2A, Volume 127, 2021)	
ANILINE, 2-CHLORO-N-(4,6-DINITRO-ALPHA,ALPHA,ALPHA-TRIFLUORO-O-TOLYL)-5-(TRIFLUOROMETHYL)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ANILINE, 2-ETHYL-	2ethylaniline	578541	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2-ETHYL-	2ethylaniline	578541	Classified as 'fatal if inhaled' (GHS H330).	
ANILINE, 2-ETHYL-	2ethylaniline	578541	Classified as 'toxic if inhaled' (GHS H331).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ANILINE, 2-METHYL-6-ETHYL-	6ethyl2toluidine	24549062	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,2'-DITHIOBIS-	2,2'dithiodianiline	1141884	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 2,4-DICHLORO-	2,4dichloroaniline	554007	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2,4-DICHLORO-	2,4dichloroaniline	554007	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,4-DICHLORO-	2,4dichloroaniline	554007	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 2,4-DIFLUORO-	2,4difluoroaniline	367259	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2,4-DIFLUORO-	2,4difluoroaniline	367259	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,4-DIFLUORO-	2,4difluoroaniline	367259	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 2,4,5-TRIMETHYL-	2,4,5 Trimethylaniline [1]; 2,4,5trimethylaniline hydrochloride [2]	137177; 21436975	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ANILINE, 2,4,5-TRIMETHYL, HYDROCHLORIDE	2,4,5 Trimethylaniline [1]; 2,4,5trimethylaniline hydrochloride [2]	137177; 21436975	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ANILINE, 2,4,6-TRICHLORO-	2,4,6trichloroaniline	634935	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2,4,6-TRICHLORO-	2,4,6trichloroaniline	634935	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,4,6-TRICHLORO-	2,4,6trichloroaniline	634935	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 2,4,6-TRIMETHYL-	2,4,6Trimethylaniline	88051	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2,4,6-TRIMETHYL-	2,4,6Trimethylaniline	88051	Classified as 'fatal if inhaled' (GHS H330).	
ANILINE, 2,4,6-TRIMETHYL-	2,4,6Trimethylaniline	88051	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,5-DICHLORO-	2,5dichloroaniline	95829	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, 2,5-DICHLORO-	2,5dichloroaniline	95829	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, 2,5-DICHLORO-	2,5dichloroaniline	95829	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 3,3'-SULFONYLDI-	3,3'sulphonyldianiline	599611	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 4-CHLORO-2-NITRO-	4chloro2nitroaniline	89634	Classified as 'fatal in contact with skin' (GHS H310).	
ANILINE, 4-CHLORO-2-NITRO-	4chloro2nitroaniline	89634	Classified as 'fatal if inhaled' (GHS H330).	
ANILINE, 4-FLUORO-	4Fluoroaniline	371404	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ANILINE, 4-FLUORO-	4Fluoroaniline	371404	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, 4,4'-METHYLENEDI-, DIHYDROCHLORIDE	4,4'Methylenedianiline dihydrochloride	13552448	California Proposition 65 listed for cancer	
ANILINE, 4,4'-METHYLENEDI-, DIHYDROCHLORIDE	4,4'Methylenedianiline Dihydrochloride (see 4,4'Methylenedianiline and Its Dihydrochloride)	13552448	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANILINE, 4,4'-METHYLENEDI-, DIHYDROCHLORIDE	4,4'Methylenedianiline dihydrochloride	13552448	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ANILINE, M-CHLORO-	3Chloroaniline	108429	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, M-CHLORO-	3Chloroaniline	108429	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, M-CHLORO-	3Chloroaniline	108429	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, M-NITRO-	3nitroaniline	99092	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, M-NITRO-	3nitroaniline	99092	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, N-(2,2,2-TRIFLUOROETHYL)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ANILINE, N-SEC-BUTYL-4-TERT-BUTYL-2,6-DINITRO-	4(tertbutyl)Nsecbutyl2,6dinitroaniline	33629479	Classified as 'suspected of causing genetic defects' (GHS H341).	
ANILINE, N-SEC-BUTYL-4-TERT-BUTYL-2,6-DINITRO-	4(tertbutyl)Nsecbutyl2,6dinitroaniline	33629479	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, N,N-DIMETHYL-P-((ALPHA,ALPHA,ALPHA-TRIFLUORO-M-TOLYL)AZO)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ANILINE, N,N-DIMETHYL-P-((ALPHA,ALPHA,ALPHA-TRIFLUORO-P-TOLYL)AZO)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ANILINE, O-CHLORO-	2Chloroaniline	95512	Classified as 'suspected of causing genetic defects' (GHS H341).	
ANILINE, O-CHLORO-	2Chloroaniline	95512	Classified as 'may cause cancer' (GHS H350).	
ANILINE, O-CHLORO-	2Chloroaniline	95512	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, O-CHLORO-	2Chloroaniline	95512	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, O-CHLORO-	2Chloroaniline	95512	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
ANILINE, O-NITRO-	2Nitroaniline	88744	Classified as 'toxic in contact with skin' (GHS H311).	
ANILINE, O-NITRO-	2Nitroaniline	88744	Classified as 'toxic if inhaled' (GHS H331).	
ANILINE, P-CHLORO-, HYDROCHLORIDE	pChloroaniline hydrochloride	20265967	California Proposition 65 listed for cancer	
ANILINE, P-CYANO-	4aminobenzonitrile	873745	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ANILINE, P,P'-ETHYLENEDI-	4,4'ethylenedianiline	621954	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ANISE EXTRACT	Star anise, Illicium verum, ext.	84650599	Classified as 'suspected of causing genetic defects' (GHS H341).	
ANISE EXTRACT	Star anise, Illicium verum, ext.	84650599	Classified as 'suspected of causing cancer' (GHS H351).	
ANISOLE	ANISOLE	100663	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ANISOLE, P-NITRO-	paraNitroanisole	100174	Listed as an IARC Group 2B Carcinogen	
ANISOLE, P-NITRO-	paraNitroanisole	100174	California Prop65 Chemical (cancer)	
ANTHEMIS NOBILIS (CHAMOMILE)	Chamomile		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ANTHRA(9,1,2-CDE)BENZO(RST)PENTAPHENE-5,10-DIOL, 16,17-DIMETHOXY-, BIS(HYDROGEN SULFATE),	Anthra[9,1,2cde]benzo[rst]pentaphene5,10diol, 16,17dimethoxy, bis(hydrogen sulfate), disodium salt	2538843	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
ANTHRACENE	Anthracene oil	120127	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ANTHRACENE	Anthracene oil	120127	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
anthracene	anthracene	120-12-7	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
ANTHRACENE OIL	Anthracene oil	120127	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ANTHRACENE OIL	Anthracene oil	120127	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ANTHRACENE OIL	Anthracene oil	90640805	Classified as 'may cause cancer' (GHS H350).	
ANTHRACENE OIL	Anthracene oil	90640805	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ANTHRACENEDIONE, 1,4-DIHYDROXY-5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-,DIHYDROCHLORIDE	Mitoxantrone hydrochloride	70476823	California Proposition 65 listed for developmental	
ANTHRACENEDIONE, 1,4-DIHYDROXY-5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-,DIHYDROCHLORIDE	Mitoxantrone hydrochloride	70476823	California Proposition 65 listed for cancer	
ANTHRACENEDIONE, 1,4-DIHYDROXY-5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-,DIHYDROCHLORIDE	Mitoxantrone hydrochloride	70476823	California Prop65 Chemical (cancer)	
ANTHRANILIC ACID, CINNAMYL ESTER	Cinnamyl anthranilate	87296	California Proposition 65 listed for cancer	
ANTHRANILIC ACID, N-(ALPHA,ALPHA,ALPHA-TRIFLUOROM-TOLYL)-, 2-(2-HYDROXYETHOXY)ETHYL ESTER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ANTHRAQUINONE	Anthraquinone	84651	California Proposition 65 listed for cancer	
ANTHRAQUINONE	Anthraquinone	84651	Classified as 'may cause cancer' (GHS H350).	
ANTHRAQUINONE	Anthraquinone	84651	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
ANTHRAQUINONE	Anthraquinone	84651	Listed as an IARC Group 2B Carcinogen	
ANTHRAQUINONE, 1-AMINO-2-METHYL-	1Amino2methylantraquinone	82280	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 1-AMINO-2-METHYL-	1Amino2methylantraquinone	82280	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANTHRAQUINONE, 1-AMINO-2-METHYL-	1Amino2methylantraquinone	82280	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-	1Amino2,4dibromoantraquinone	81492	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-	1Amino2,4dibromoantraquinone	81492	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-	1Amino2,4dibromoantraquinone	81492	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-	1Amino2,4dibromoantraquinone	81492	Listed as an IARC Group 2B Carcinogen	
ANTHRAQUINONE, 1-AMINO-2,4-DIBROMO-	1Amino2,4dibromoantraquinone	81492	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ANTHRAQUINONE, 1-HYDROXY-	1Hydroxyantraquinone	129431	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 1-HYDROXY-	1Hydroxyantraquinone	129431	Possibly carcinogenic to humans' IARC (Category 2B, Volume 82 2002)	
ANTHRAQUINONE, 1,8-DIHYDROXY-	Danthron	117102	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANTHRAQUINONE, 1,8-DIHYDROXY-	Dantron (Chrysazin; 1,8Dihydroxyantraquinone)	117102	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 1,8-DIHYDROXY-	Dantron (Chrysazin; 1,8Dihydroxyantraquinone)	117102	Possibly carcinogenic to humans' IARC (Category 2B, Volume 50 1990)	
ANTHRAQUINONE, 1,8-DIHYDROXY-	Danthron	117102	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ANTHRAQUINONE, 2-AMINO-	2Aminoantraquinone	117793	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 2-AMINO-	2Aminoantraquinone	117793	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANTHRAQUINONE, 2-AMINO-	2Aminoantraquinone	117793	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ANTHRAQUINONE, 2-METHYL-1-NITRO-	2Methyl1nitroantraquinone (of uncertain purity)	129157	California Proposition 65 listed for cancer	
ANTHRAQUINONE, 2-METHYL-1-NITRO-	2Methyl1nitroantraquinone (uncertain purity)	129157	Possibly carcinogenic to humans' IARC (Category 2B, Volume 27, Sup 7 1987)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ANTHRAQUINONE, 5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXY-	Mitoxantrone	65271809	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
ANTHRAQUINONE, 5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXY-	Mitoxantrone	65271809	Possibly carcinogenic to humans' IARC (Category 2B, Volume 76 2000)	
ANTHRAQUINONE, 5,8-BIS((2-(2-HYDROXYETHYL)AMINO)ETHYL)AMINO)-1,4-DIHYDROXY-	Mitoxantrone	65271809	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ANTIMONY	Antimony	7440360	Classified as 'suspected of causing cancer' (GHS H351).	
ANTIMONY	Antimony	7440360	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ANTIMONY	Antimony	7440360	Classified as 'may cause harm to breastfed children' (GHS H362).	
ANTIMONY	Antimony	7440360	Classified as 'fatal in contact with skin' (GHS H310).	
ANTIMONY	Antimony and its compound	7440360	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ANTIMONY	Antimony and its compounds	7440360	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ANTIMONY PENTACHLORIDE	antimony pentachloride	7647189	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ANTIMONY TRICHLORIDE	antimony trichloride	10025919	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ANTIMONY TRIFLUORIDE	antimony trifluoride	7783564	Classified as 'suspected of causing cancer' (GHS H351).	
ANTIMONY TRIFLUORIDE	antimony trifluoride	7783564	Classified as 'toxic in contact with skin' (GHS H311).	
ANTIMONY TRIFLUORIDE	antimony trifluoride	7783564	Classified as 'toxic if inhaled' (GHS H331).	
ANTIMONY TRIOXIDE	Antimony oxide (Antimony trioxide)	1309644	California Proposition 65 listed for cancer	
ANTIMONY TRIOXIDE	antimony trioxide	1309644	Possibly carcinogenic to humans' IARC (Category 2B, Volume 47 1989)	
ANTIMONY TRIOXIDE	ANTIMONY TRIOXIDE	1309644	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ANTIPYRINE, 4-ISOPROPYL-	Propyphenazone	479925	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ANTIPYRINE, 4-ISOPROPYL-	Propyphenazone (INN)	479925	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
APOCYNUM CANNABINUM (INDIAN HEMP) EXTRACT	Apocynum cannabinum L. and its preparations	84603510	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ARISTOLOCHINE	Aristolochic acid	313677	Carcinogenic to humans' IARC (Category 1, Volume 82, 100A 2012)	
ARISTOLOCHINE	Aristolochic acid and its salts	313677	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ARISTOLOCHINE	Aristolochic acid and its salts; Aristolochia spp. and their preparations	475809; 313677; 15918624	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ARISTOLOCHINE	Aristolochic acid, plants containing	313677	Carcinogenic to humans' IARC (Category 1, Volume 82, 100A 2012)	
ARISTOLOCHINE	Aristolochic acids	313677	Listed on the 14th Report on Carcinogens as a known carcinogen	
ARSENIC	arsenic	7440382	Classified as 'may cause cancer' (GHS H350).	
ARSENIC	arsenic	7440382	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC	arsenic	7440382	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC	Arsenic (see Arsenic and Inorganic Arsenic Compounds)	7440382	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ARSENIC	Arsenic and inorganic arsenic compounds	7440382	Carcinogenic to humans' IARC (Category 1, Volume 23, Sup 7, 100C 2012)	
ARSENIC	Arsenic and its compounds	7440382	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ARSENIC	Arsenic and its compounds	7440382	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ARSENIC	Arsenic, inorganic	7440382	EPA IRIS 'human carcinogen'.	
ARSENIC	diarsenic trioxide	1327533; 7440382	Classified as 'may cause cancer' (GHS H350).	
ARSENIC	diarsenic trioxide	1327533; 7440382	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ARSENIC	diarsenic trioxide	1327533; 7440382	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC	diarsenic trioxide	1327533; 7440382	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC	arsenic	7440382	Listed on the 14th Report on Carcinogens as a known carcinogen	
ARSENIC	Arsenic Compounds, Inorganic	7440382	Listed on the 14th Report on Carcinogens as a known carcinogen	
ARSENIC ACID (H3ASO4)	ARSENIC ACID	7778394	Classified as 'may cause cancer' (GHS H350).	
ARSENIC ACID (H3ASO4)	ARSENIC ACID	7778394	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ARSENIC ACID (H3ASO4)	ARSENIC ACID	7778394	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ARSENIC ACID (H3ASO4)	ARSENIC ACID	7778394	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC ACID (H3ASO4)	ARSENIC ACID	7778394	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC ACID, CALCIUM SALT (2:3)	arsenic acid and its salts	7778441	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ARSENIC ACID, CALCIUM SALT (2:3)	calcium arsenate	7778441	Classified as 'may cause cancer' (GHS H350).	
ARSENIC ACID, CALCIUM SALT (2:3)	calcium arsenate	7778441	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC ACID, CALCIUM SALT (2:3)	calcium arsenate	7778441	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'may cause cancer' (GHS H350).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'fatal in contact with skin' (GHS H310).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC CHLORIDE	Arsenic trichloride	7784341	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSENIC SELENIDE	Diarsenic triselenide	1303362	Classified as 'toxic if inhaled' (GHS H331).	
ARSENIC SELENIDE	Diarsenic triselenide	1303362	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSINE	arsine	7784421	Classified as 'fatal if inhaled' (GHS H330).	
ARSINE	arsine	7784421	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ARSINE OXIDE, DIMETHYLHYDROXY-	Cacodylic acid	75605	California Proposition 65 listed for cancer	
ARSINE OXIDE, DIMETHYLHYDROXY-	Dimethylarsinic acid	75605	Possibly carcinogenic to humans' IARC (Category 2B, Volume 100C 2012)	
ARSINOUS CYANIDE, DIPHENYL- ASBESTIFORM FIBERS	Hydrogen cyanide (HCN) and cyanide salts (CN salts) asbestos	23525226 1332214	California Prop65 Chemical (male)	
ASBESTIFORM FIBERS	asbestos	1332214	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ASBESTIFORM FIBERS	asbestos	1332214	EPA IRIS 'human carcinogen'.	
ASBESTIFORM FIBERS	asbestos	1332214	Listed on the 14th Report on Carcinogens as a known carcinogen	
ASBESTOS	asbestos	1332214	California Proposition 65 listed for cancer	
ASBESTOS	asbestos	1332214	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ASBESTOS	asbestos	1332214	EPA IRIS 'human carcinogen'.	
ASBESTOS	asbestos	1332214	Listed on the 14th Report on Carcinogens as a known carcinogen	
ASBESTOS, CROCIDOLITE	CROCIDOLITE	12001284	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
aspartame	aspartame	22839-47-0	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
ASPHALT	Bitumens, occupational exposure to straightrun bitumens and their emissions during road paving	8052424	Possibly carcinogenic to humans' IARC (Category 2B, Volume 103 2013)	
ATRAZINE	Atrazine	1912249	California Proposition 65 listed for developmental, female	
ATRAZINE	Atrazine	1912249	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ATRAZINE	Atrazine	1912249	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ATRAZINE	Atrazine	1912249	California Prop65 Chemical (developmental, female)	
ATRIAL NATRIURETIC PEPTIDE	ANP; Reaction product of Allyl nonylphenol	85637736	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ATRIAL NATRIURETIC PEPTIDE	ANP; Reaction product of Allyl nonylphenol	85637736	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ATROPINE	Atropine, its salts and derivatives	51558	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ATROPINE	Atropine, its salts and derivatives	51558	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AURATE(1-), DICIANO-, POTASSIUM	Potassium dicyanoaurate	13967505	Classified as 'fatal in contact with skin' (GHS H310).	
AURATE(1-), DICIANO-, POTASSIUM	Potassium dicyanoaurate	13967505	Classified as 'fatal if inhaled' (GHS H330).	
AURATE(1-), DICIANO-, POTASSIUM	Potassium dicyanoaurate	13967505	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AURATE(1-), TETRACHLORO-, HYDROGEN	Gold salts	16903358; 105883474	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AURATE(1-), TETRACHLORO-, HYDROGEN	Tetrachloroauric acid	16903358; 27988778	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AVERMECTIN A1A, 5-O-DEMETHYL-	Abamectin	65195553	Classified as 'toxic in contact with skin' (GHS H311).	
AVERMECTIN A1A, 5-O-DEMETHYL-	Abamectin	65195553	Classified as 'fatal if inhaled' (GHS H330).	
AVERMECTIN A1A, 5-O-DEMETHYL-	Abamectin	65195553	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
AVERMECTIN B(SUB 1)	Abamectin	65195553	Classified as 'toxic in contact with skin' (GHS H311).	
AVERMECTIN B(SUB 1)	Abamectin	65195553	Classified as 'fatal if inhaled' (GHS H330).	
AVERMECTIN B(SUB 1)	Abamectin	65195553	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
AVERMECTIN B(SUB 1)	Avermectin B1 (Abamectin)	71751412	California Proposition 65 listed for developmental	
AZAFENIDIN	Azafenidin (ISO)	68049832	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Azamethiphos	S-[[6-chloro-2-oxooxazolo[4,5-b]pyridin-3(2H)-yl)methyl] O,O-dimethyl thiophosphate	35575-96-3	This ingredient is banned the European Union	X
AZEPINE-4-CARBOXYLIC ACID, HEXAHYDRO-1-METHYL-4-PHENYL-, ETHYL ESTER	Ethoheptazine (INN) and its salts	77156	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AZEPINE-4-CARBOXYLIC ACID, HEXAHYDRO-1-METHYL-4-PHENYL-, ETHYL ESTER	Ethoheptazine and its salts	77156	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
AZIRIDINE, 1,1'-ISOPHTHALOYLBIS(2-METHYL-	1,1'(1,3phenylenedicarbonyl)bis[2methylaziridine]	7652644	Classified as 'suspected of causing genetic defects' (GHS H341).	
AZIRIDINE, 1,1'-ISOPHTHALOYLBIS(2-METHYL-	1,1'(1,3phenylenedicarbonyl)bis[2methylaziridine]	7652644	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
AZIRINO(2',3':3,4)PYRROLO(1,2-A)INDOLE-4,7-DIONE, 6-AMINO-1,1A,2,8,8A,8B-HEXAHYDRO-8-	Mitomycin C	50077	California Proposition 65 listed for cancer	
AZIRINO(2',3':3,4)PYRROLO(1,2-A)INDOLE-4,7-DIONE, 6-AMINO-1,1A,2,8,8A,8B-HEXAHYDRO-8-	Mitomycin C	50077	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
AZOENZENE	azobenzene	103333	California Proposition 65 listed for cancer	
AZOENZENE	azobenzene	103333	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
AZOENZENE	azobenzene	103333	EPA IRIS 'probable carcinogen'.	
AZOENZENE, 3,3',4,4'-TETRACHLORO-	3,3',4,4'TETRACHLOROAZOENZENE	14047097	California Proposition 65 listed for cancer	
AZOENZENE, 3,3',4,4'-TETRACHLORO-	3,3',4,4'Tetrachloroazobenzene	14047097	Probably carcinogenic to humans' IARC (Category 2A, Volume 117 In prep.)	
AZOENZENE, 3,3',4,4'-TETRACHLORO-	3,3',4,4'Tetrachloroazobenzene	14047097	Listed as an IARC Group 2A Carcinogen	
AZOENZENE, 3,3',4,4'-TETRACHLORO-	3,3',4,4'TETRACHLOROAZOENZENE	14047097	California Prop65 Chemical (cancer)	
BABASSUAMIDOPROPYLTRIMONIUM METHOSULFATE	BABASSUAMIDOPROPYLTRIMONIUM METHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BARBITURIC ACID, 5-ALLYL-5-(1-METHYLBUTYL)-, SODIUM SALT	Secobarbital sodium	309433	California Proposition 65 listed for developmental	
BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-, SODIUM SALT	Pentobarbital sodium	57330	California Proposition 65 listed for developmental	
BARBITURIC ACID, 5-ETHYL-5-PHENYL-	Phenobarbital	50066	California Proposition 65 listed for cancer	
BARBITURIC ACID, 5-ETHYL-5-PHENYL-	Phenobarbital	50066	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
BARBITURIC ACID, 5-SEC-BUTYL-5-ETHYL-, SODIUM SALT	Butobarbital sodium	143817	California Proposition 65 listed for developmental	
BARIUM	Barium	7440393	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BARIUM CHROMATE(VI)	BARIUM CHROMATE	10294403	Classified as 'may cause cancer' (GHS H350).	
BARIUM CHROMATE(VI)	BARIUM CHROMATE	10294403	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BARIUM CHROMATE(VI)	BARIUM CHROMATE	10294403	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BARIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	542621	California Prop65 Chemical (male)	
Barium diboron tetraoxide	Barium diboron tetraoxide	13701-59-2	This ingredient is banned the European Union	X
BARIUM HYDROXIDE	BARIUM HYDROXIDE	12230716; 17194002	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BARIUM METABORATE	Barium diboron tetraoxide	13701592	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BARIUM OXIDE	Barium oxide, obtained by calcining witherite	1304285	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BARIUM OXIDE	Barium oxide, obtained by calcining witherite	1304285	Classified as 'toxic if inhaled' (GHS H331).	
BARIUM SULFIDE	barium sulphide	21109955	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BASIC BLUE 3	Phenoxazin 5ium, 3,7bis(diethylamino), and its salts, when used as a substance in hair dye products	47367759; 33203826	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC BLUE 41	2[[4[ethyl(2hydroxyethyl)amino]phenyl]azo]6methoxy3methylbenzothiazolium methyl sulphate	12270132	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC BLUE 41	Benzothiazolium, 2 [[4[ethyl(2hydroxyethyl)amino]phenyl]azo]6methoxy3methyl and its salts, when used as a substance in hair dye products	12270132	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC BLUE 47	1 Amino4[[4{(dimethylamino)methyl]phenyl]amino]anthraquinone and its salts, when used as a substance in hair dye products	67905560; 12217435	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC BLUE 6	Benzo[a]phenoxazin 7ium, 9(dimethylamino), and its salts, when used as a substance in hair dye products	7057570; 966621	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BASIC BLUE 7	[4[[4(diethylamino)_4(ethylamino)1naphthyl]benzylidene]cyclohexa2,5dien1ylidene]diethylammonium chloride	2390605	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC BLUE 7	Ethanaminium, N [4[[4(diethylamino)phenyl][4(ethylamino)1naphthalenyl]methylene]2,5cyclohexadien1ylidene]Nethyl, and its salts, when used as a substance in hair dye products	2390605	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC BLUE 9	Phenothiazin 5ium, 3,7bis(dimethylamino) and its salts, when used as a substance in hair dye products	61734	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC BLUE 99	Basic Blue 99; Basic Blue 99, Arianor Steel Blue; Reaction mass of 3[[4(amino6bromo5,8dihydro1hydroxy8imino5oxo2naphthyl)amino]N,N,Ntri methylanilinium chloride and 3[[8(amino dibromo5hydroxy4imino1oxo1,4dihydronephthalenyl)amino	68123137	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC BROWN 4	4,4' [[4Methyl1,3phenylene]bis(azo)]bis[6methyl1,3benzenediamine] (Basic Brown 4) and its salts, when used as a substance in hair dye products	4482251	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC GREEN 1	[4[[4(diethylamino)benzhydrylene]cyclohexa2,5dien1ylidene]diethylammonium hydrogen sulphate	633034	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BASIC GREEN 1	[4[[4(diethylamino)benzhydrylene]cyclohexa2,5dien1ylidene]diethylammonium hydrogen sulphate	633034	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC GREEN 1	Ethanaminium, N (4[[4(diethylamino)phenyl]phenylmethylene]2,5cyclohexadien1ylidene]Nethyl and its salts, when used as a substance in hair dye products	633034	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC GREEN 4	Malachite green hydrochloride [1]; Malachite green oxalate [2]	569642; 18015764	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC ORANGE 1	1,3 Benzenediamine, 4methyl6(phenylazo) and its salts, when used as a substance in hair dye products	4438168	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC RED 1:1	3,6bis(ethylamino)9[2(methoxycarbonyl)phenyl]2,7dimethylxanthylium chloride	3068391	Classified as 'fatal if inhaled' (GHS H330).	
BASIC RED 1:1	3,6bis(ethylamino)9[2(methoxycarbonyl)phenyl]2,7dimethylxanthylium chloride	3068391	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC RED 1B ASIC RED 1	9[2(ethoxycarbonyl)phenyl]3,6bis(ethylamino)2,7dimethylxanthylium chloride	989388	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BASIC RED 1B ASIC RED 1	9[2(ethoxycarbonyl)phenyl]3,6bis(ethylamino)2,7dimethylxanthylium chloride	989388	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC RED 1B ASIC RED 1	9[2(ethoxycarbonyl)phenyl]3,6bis(ethylamino)2,7dimethylxanthylium chloride	989388	Classified as 'may cause genetic defects' (GHS H340).	
BASIC RED 2	Phenazinium, 3,7 diamino2,8dimethyl5phenyl and its salts, when used as a substance in hair dye products	477736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC RED 22	5 ((4(Dimethylamino)phenyl)azo)1,4dimethyl1H1,2,4triazolium and its salts, when used as a substance in hair dye products	12221522	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC RED 46	3(or5) ((4(Benzylmethylamino)phenyl)azo)1,2(or1,4)dimethyl1H1,2,4triazolium and its salts, when used as a substance in hair dye products	89959988; 12221691	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC RED 76	Basic Red 76; Multi constituent substance; Reaction mass of [7hydroxy8[[2methoxyphenyl]azo]2naphthyl]trimethylammonium chloride and [7hydroxy8[[2methoxyphenyl]azo]2naphthyl]trimethylammonium methyl sulphate	68391300	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC VIOLET 1	Basic Violet 1	8004873	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BASIC VIOLET 1	Colouring agent CI 42535 (Basic Violet 1)	8004873	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC VIOLET 10	Basic Violet 10	81889	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BASIC VIOLET 11:1	3,6bis(diethylamino)9[2(methoxycarbonyl)phenyl]xanthylium tetrachlorozincate	73398897	Classified as 'fatal if inhaled' (GHS H330).	
BASIC VIOLET 11:1	3,6bis(diethylamino)9[2(methoxycarbonyl)phenyl]xanthylium tetrachlorozincate	73398897	Classified as 'toxic if inhaled' (GHS H331).	
BASIC VIOLET 16	3,6bis(diethylamino)9[2(methoxycarbonyl)phenyl]xanthylium tetrachlorozincate	73398897	Classified as 'fatal if inhaled' (GHS H330).	
BASIC VIOLET 16	3,6bis(diethylamino)9[2(methoxycarbonyl)phenyl]xanthylium tetrachlorozincate	73398897	Classified as 'toxic if inhaled' (GHS H331).	
BASIC VIOLET 3	[4[[4,4'bis(dimethylamino)benzhydrylidene]cyclohexa2,5dien1ylidene]dimethylammonium chloride	548629	Classified as 'may cause cancer' (GHS H350).	
BASIC VIOLET 3	[4[[4,4'bis(dimethylamino)benzhydrylidene]cyclohexa2,5dien1ylidene]dimethylammonium chloride	548629	Classified as 'suspected of causing cancer' (GHS H351).	
BASIC VIOLET 3	[4[[4,4'bis(dimethylamino)benzhydrylidene]cyclohexa2,5dien1ylidene]dimethylammonium chloride	548629	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC VIOLET 3	4 [[4,4'bis(dimethylamino)benzhydrylidene]cyclohexa2,5dien1ylidene]dimethylammonium chloride [1]; tris[4(dimethylamino) phenyl]methanol [2]	548629; 467630	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BASIC VIOLET 3	Basic Violet 3	548629	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BASIC VIOLET 3	Gentian violet (Crystal violet)	548629	California Prop65 Chemical (cancer)	
BASIC VIOLET 3	BASIC VIOLET 3	548629	Possibly carcinogenic to humans' IARC (Category 2B, Volume 129, 2022)	
BASIC VIOLET 4	Ethanaminium, N (4[bis[4(diethylamino)phenyl]methylene]2,5cyclohexadienylidene)Nethyl and its salts, when used as a substance in hair dye products	2390592	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC YELLOW 11	3H Indolium, 2[[2(2,4dimethoxyphenyl)amino]ethenyl]1,3,3trimethyl and its salts, when used as a substance in hair dye products	4208804	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BASIC YELLOW 28	2[[[(4methoxyphenyl)methylhydrazono]methyl]1,3,3trimethyl3Hindolium methyl sulphate	54060923	Classified as 'fatal if inhaled' (GHS H330).	
BASIC YELLOW 28	2[[[(4methoxyphenyl)methylhydrazono]methyl]1,3,3trimethyl3Hindolium methyl sulphate	54060923	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BASIC YELLOW 28	3H Indolium, 2[[[(4methoxyphenyl)methylhydrazono]methyl]1,3,3trimethyl and its salts, when used as a substance in hair dye products	54060923	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Bay oil, sweet (Laurus nobilis L.)	Laurus nobilis L., oil from the seeds of	8007485	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Bay oil, sweet (Laurus nobilis L.)	Laurus nobilis, ext.	8002413; 8007485; 84603736	Classified as 'suspected of causing genetic defects' (GHS H341).	
Bay oil, sweet (Laurus nobilis L.)	Laurus nobilis, ext.	8002413; 8007485; 84603736	Classified as 'suspected of causing cancer' (GHS H351).	
BEE VENOM	BEE VENOM	91261164	Bee venom is a known to cause severe allergic/anaphylatic reactions in humans.	
BEHENALKONIUM CHLORIDE	Behenalkonium chloride	16841148	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	BEHENAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENAMIDOPROPYLTRIMONIUM METHOSULFATE	BEHENAMIDOPROPYLTRIMONIUM METHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENTRIMONIUM BISULFITE	BEHENTRIMONIUM BISULFITE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENTRIMONIUM CHLORIDE	BEHENTRIMONIUM CHLORIDE	17301530	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENTRIMONIUM METHOSULFATE	BEHENTRIMONIUM METHOSULFATE	81646131	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BEHENTRIMONIUM METHOSULFATE	Docosyltrimethylammonium methyl sulphate	81646131	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BEHENYL METHACRYLATE/PERFLUOROOCETYLETHYL METHACRYLATE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
BEHENYL TRIMONIUM METHOSULFATE	BEHENYL TRIMONIUM METHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BELLADONNA	Atropa belladonna L. and its preparations	8007930	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENOMYL	Benomyl	17804352	California Proposition 65 listed for developmental, male	
BENOMYL	Benomyl (ISO)	17804352	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Bentazone	3-isopropyl-2,1,3-benzothiadiazine-4-one-2,2-dioxide	25057-89-0	This ingredient is banned the European Union	X
BENZ(A)ANTHRACENE	Benz[ <i>a</i> ]anthracene	56553	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7 2010)	
BENZ(A)ANTHRACENE	benz[ <i>a</i> ]anthracene	56553	California Proposition 65 listed for cancer	
BENZ(A)ANTHRACENE	benz[ <i>a</i> ]anthracene	56553	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZ(A)ANTHRACENE	benz[ <i>a</i> ]anthracene	56553	EPA IRIS 'probable carcinogen'.	
BENZ(A)ANTHRACENE	Benz[ <i>a</i> ]anthracene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	56553	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZ(A)ANTHRACENE	benz[ <i>a</i> ]anthracene	56553	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZ(A)ANTHRACENE-3,9-DIOL	3,9Dihydroxybenz[ <i>a</i> ]anthracene	56614972	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZ(A)ANTHRACENE, 7,12-DIMETHYL-	7,12Dimethyl1,2benz[ <i>a</i> ]anthracene	57976	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZ(A)ANTHRACENE, 7,12-DIMETHYL-	7,12Dimethylbenz(a)anthracene	57976	California Proposition 65 listed for cancer	
BENZ(J)ACEANTHRYLENE	Benz[ <i>j</i> ]aceanthrylene	202335	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
BENZ[E]ACEPHENANTHRYLENE	benz[e]acephenanthrylene	205992	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZ[E]ACEPHENANTHRYLENE	Benzo[ <i>e</i> ]fluoranthene	205992	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
BENZ[E]ACEPHENANTHRYLENE	Benzo[ <i>b</i> ]fluoranthene	205992	California Proposition 65 listed for cancer	
BENZ[E]ACEPHENANTHRYLENE	Benzo[ <i>b</i> ]fluoranthene	205992	EPA IRIS 'probable carcinogen'.	
BENZ[E]ACEPHENANTHRYLENE	Benzo[ <i>b</i> ]fluoranthene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	205992	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZ[E]ACEPHENANTHRYLENE	Benzo[ <i>b</i> ]fluoranthene	205992	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZALDEHYDE	benzaldehyde	100527	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZALDEHYDE, 2,4-DIHYDROXY-3-METHYL-	2,4 Dihydroxy3methylbenzaldehyde, when used as a fragrance ingredient	6248200	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZALDEHYDE, 2,4-DIHYDROXY-3-METHYL-	2,4Dihydroxy3methylbenzaldehyde	6248200	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZALDEHYDE, 2,4-DIHYDROXY-3-METHYL-	2,4Dihydroxy3methylbenzaldehyde	6248200	Prohibited by the International Fragrance Association for use in fragrance.	
BENZALDEHYDE, 3-PHENOXY-	mphenoxybenzaldehyde	39515510	Classified as 'fatal if inhaled' (GHS H330).	
BENZALDEHYDE, 3-PHENOXY-	mphenoxybenzaldehyde	39515510	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZALDEHYDE, P-BROMO-	4bromobenzaldehyde	1122914	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZALDEHYDE, P-NITRO-	4Nitrobenzaldehyde	555168	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZALKONIUM BROMIDE	BENZALKONIUM BROMIDE	91080294	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BENZALKONIUM CHLORIDE	Alkyl Dimethyl Benzyl Ammonium Chloride	61789717	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
BENZALKONIUM CHLORIDE	Benzalkonium Chloride	61789717	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BENZALKONIUM CHLORIDE	Benzalkonium Chloride; BenzylC1214alkyldimethylammonium chlorides; C1214 ADBAC; Quaternary ammonium compounds, benzylC1214 (evennumbered)alkyldimethyl, chlorides; Quaternary ammonium compounds, benzylC12C14 (evennumbered)alkyldimethyl, chl	61789717	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZALKONIUM CHLORIDE	Benzalkonium Chloride; BenzylC1214alkyldimethylammonium chlorides; C1214 ADBAC; Quaternary ammonium compounds, benzylC1214 (evennumbered)alkyldimethyl, chlorides; Quaternary ammonium compounds, benzylC12C14 (evennumbered)alkyldimethyl, chl	61789717	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZALKONIUM CHLORIDE	COCOALKONIUM CHLORIDE	61789717	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BENZALKONIUM CHLORIDE	Alkyl Dimethyl Benzyl Ammonium Chloride	61789717	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZALKONIUM SACCHARINATE	BENZALKONIUM SACCHARINATE	39387423	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BENZAMIDE, 2-(ALLYLOXY)-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-	Alloclamide (INN) and its salts	5486771	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZAMIDE, 2-(ALLYLOXY)-4-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-	Alloclamide and its salts	5486771	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZAMIDE, 2-CHLORO-	2chlorobenzamide	609665	Classified as 'fatal if inhaled' (GHS H330).	
BENZAMIDE, 2-HYDROXY-5-(1-HYDROXY-2-((1-METHYL-3-PHENYLPROPYL)AMINO)ETHYL)-	Labetalol	36894696	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZAMIDE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-(4-METHYL-3-((4-(3-PYRIDINYL)-2-PYRIMIDINYL)	Benzamide, 4[[4methyl1piperazinyl)methyl]N[4methyl3[[4(3pyridinyl)2pyrimidinyl]aminophenyl]; Imatinib; N'[5]([4chloroanilino)methyl]2imino4oxo1,3thiazolidin3yl]N(4methoxyphenyl)iminobenzenecarboximidamide); N(4Methyl3((	152459955	Classified as 'suspected of causing cancer' (GHS H351).	
BENZAMIDE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-(4-METHYL-3-((4-(3-PYRIDINYL)-2-PYRIMIDINYL)	Benzamide, 4[[4methyl1piperazinyl)methyl]N[4methyl3[[4(3pyridinyl)2pyrimidinyl]aminophenyl]; Imatinib; N'[5]([4chloroanilino)methyl]2imino4oxo1,3thiazolidin3yl]N(4methoxyphenyl)iminobenzenecarboximidamide); N(4Methyl3((	152459955	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZAMIDE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-(4-METHYL-3-((4-(3-PYRIDINYL)-2-PYRIMIDINYL)	Benzamide, 4[[4methyl1piperazinyl)methyl]N[4methyl3[[4(3pyridinyl)2pyrimidinyl]aminophenyl]; Imatinib; N'[5]([4chloroanilino)methyl]2imino4oxo1,3thiazolidin3yl]N(4methoxyphenyl)iminobenzenecarboximidamide); N(4Methyl3((	152459955	Classified as 'may damage fertility or the unborn child' (GHS H360).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZAMIDE, 4-((4-METHYL-1-PIPERAZINYL)METHYL)-N-(4-METHYL-3-((4-(3-PYRIDINYL)-2-PYRIMIDINYL)	Benzamide, 4[[4methyl1piperazinyl)methyl]N[4methyl3[[4(3pyridinyl)2pyrimidinyl]aminophenyl]; Imatinib; N'5[[4chloroanilino)methyl]2imino4oxo1,3thiazolidin3yl]N(4methoxyphenyl)iminobenzenecarboximidamide); N(4Methyl3((	152459955	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZAMIDE, N-(((3,5-DICHLORO-4-(1,1,2,2-TETRAFLUOROETHOXY)PHENYL)AMINO)CARBONYL)-2,6-DIFLUORO-	1(3,5dichloro4(1,1,2,2tetrafluoroethoxy)phenyl)3(2,6difluorobenzoyl)urea	86479063	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZAMIDE, N-(((4-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-FLUOROPHENYL)AMINO)CARBONYL)-2,6-	1(4(2cloro__trifluorotoloxyl)2fluorophenyl)3(2,6difluorobenzoyl)urea	101463698	Classified as 'may cause harm to breastfed children' (GHS H362).	
BENZAMIDE, N-(((4-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-FLUOROPHENYL)AMINO)CARBONYL)-2,6-	1(4(2cloro__trifluorotoloxyl)2fluorophenyl)3(2,6difluorobenzoyl)urea	101463698	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZAMIDE, N-(2-PIPERIDINYL METHYL)-2,5-BIS(2,2,2-TRIFLUOROETHOXY)-	N((piperidin2yl)methyl)2,5bis(2,2,2trifluoroethoxy)benzamide	54143554	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZAMIDE, P-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-	Procainamide (INN), its salts and derivatives	51069	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZAMIDE, P-AMINO-N-(2-(DIETHYLAMINO)ETHYL)-	Procainamide, its salts and derivatives	51069	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZAMIDE, P-NITRO-	4Nitrobenzamide	619807	Classified as 'toxic in contact with skin' (GHS H311).	
BENZAMIDE, P-NITRO-	4Nitrobenzamide	619807	Classified as 'toxic if inhaled' (GHS H331).	
BENZANILIDE, 2',2''-DITHIOBIS-	N,N'dithiodiophenylenedibenzamide	135579	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZENAMINE, 2,3-DICHLORO-	2,3dichloroaniline	608275	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENAMINE, 2,3-DICHLORO-	2,3dichloroaniline	608275	Classified as 'fatal if inhaled' (GHS H330).	
BENZENAMINE, 2,3-DICHLORO-	2,3dichloroaniline	608275	Classified as 'toxic if inhaled' (GHS H331).	
BENZENAMINE, 2,3-DICHLORO-	2,3dichloroaniline	608275	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZENAMINE, 2,6-DICHLORO-	2,6dichloroaniline	608311	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENAMINE, 2,6-DICHLORO-	2,6dichloroaniline	608311	Classified as 'toxic if inhaled' (GHS H331).	
BENZENAMINE, 2,6-DICHLORO-	2,6dichloroaniline	608311	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZENAMINE, 4,4'-(PHENYLMETHYLENE)BIS(N,N-DIMETHYL-	BENZENAMINE, 4,4'-(PHENYLMETHYLENE)BIS(N,N-DIMETHYL-	129737	Possibly carcinogenic to humans' IARC (Category 2B, Volume 129, 2022)	
BENZENAMINE, HYDROCHLORIDE	Aniline hydrochloride	142041	California Proposition 65 listed for cancer	
BENZENAMINE, HYDROCHLORIDE	Aniline hydrochloride (see also Aniline)	142041	Listed as an IARC Group 2A Carcinogen	
BENZENAMINE, HYDROCHLORIDE	BENZENAMINE, HYDROCHLORIDE	1420401	Probably carcinogenic to humans' IARC (Category 2A, Volume 127, 2021)	
BENZENAMINE, N-ETHYL-3-METHYL-	Nethylmtoluidine	102272	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENAMINE, N-ETHYL-3-METHYL-	Nethylmtoluidine	102272	Classified as 'toxic if inhaled' (GHS H331).	
BENZENAMINE, N,N-DIETHYL-3-METHYL-	N,Ndiethylmtoluidine	91678	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENAMINE, N,N-DIETHYL-3-METHYL-	N,Ndiethylmtoluidine	91678	Classified as 'toxic if inhaled' (GHS H331).	
BENZENAMINE, N,N-DIETHYL-4-(PHENLAZO)-	N,Ndiethylp(phenylazo)aniiline	2481949	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENAMINE, N,N-DIMETHYL-4-((4-(DIMETHYLAMINO)PHENYL)(4-(METHYLIMINO)-2,5-CYCLOHEXADIEN-1-	4[[4(dimethylamino)phenyl][4(methylimino)cyclohexa2,5dien1ylidene]meth yl]N,Ndimethylaniline monohydrochloride	603474	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENAMINE, N,N-DIMETHYL-4-((4-(DIMETHYLAMINO)PHENYL)(4-(METHYLIMINO)-2,5-CYCLOHEXADIEN-1-	4[[4(dimethylamino)phenyl][4(methylimino)cyclohexa2,5dien1ylidene]meth yl]N,Ndimethylaniline monohydrochloride	603474	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
BENZENAMINE, N,N'-METHANETETRAYLBIS(2,6-BIS(1-METHYLETHYL)-	Bis(2,6diisopropylphenyl)carbodiimide	2162745	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BENZENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	71432	Classified as 'may cause genetic defects' (GHS H340).	
BENZENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	71432	Classified as 'may cause cancer' (GHS H350).	
BENZENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	71432	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	71432	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	71432	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	71432	Classified as 'may cause genetic defects' (GHS H340).	
BENZENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	71432	Classified as 'may cause cancer' (GHS H350).	
BENZENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	71432	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	71432	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZENE	benzene	71432	California Proposition 65 listed for developmental, male	
BENZENE	benzene	71432	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZENE	benzene	71432	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENE	benzene	71432	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZENE	benzene	71432	Prohibited by the International Fragrance Association for use in fragrance.	
BENZENE	benzene	71432	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BENZENE	benzene	71432	EPA IRIS 'human carcinogen'.	
BENZENE	benzene	71432	EPA IRIS 'known/likely carcinogen'.	
BENZENE	benzene	71432	Carcinogenic to humans' IARC (Category 1, Volume 29, Sup 7, 100F, 120 In prep.)	
BENZENE	benzene	71432	Listed as an IARC Group 1 Carcinogen	
BENZENE	benzene	71432	Listed on the 14th Report on Carcinogens as a known carcinogen	
BENZENE-1,2:4,5-TETRACARBOXYLIC DIANHYDRIDE	benzene1,2:4,5tetracarboxylic dianhydride	89327	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE-1,2:4,5-TETRACARBOXYLIC DIANHYDRIDE	Pyromellitic Dianhydride	89327	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
BENZENE-1,2:4,5-TETRACARBOXYLIC DIANHYDRIDE	Pyromellitic Dianhydride	89327	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZENE, (DICHLOROMETHYL)-	_,_dichlorotoluene	98873	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, (DICHLOROMETHYL)-	_,_dichlorotoluene	98873	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, (DICHLOROMETHYL)-	alphaChlorinated toluenes (benzal chloride, benzotrchloride, benzyl chloride) and benzoyl chloride (combined exposures)	98873	Probably carcinogenic to humans' IARC (Category 2A, Volume 29, Sup 7, 71 1999)	
BENZENE, (DICHLOROMETHYL)-	alpha, alpha Dichlorotoluene	98873	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENE, (DICHLOROMETHYL)-	Dichloromethylbenzene	29797408	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1-((2-(4-ETHOXYPHENYL)-2-METHYLPROPOXY)METHYL)-3-PHENOXY-	3phenoxybenzyl2(4ethoxyphenyl)2methylpropyl ether	80844071	Classified as 'may cause harm to breastfed children' (GHS H362).	
BENZENE, 1-((2-(4-ETHOXYPHENYL)-2-METHYLPROPOXY)METHYL)-3-PHENOXY-	3phenoxybenzyl2(4ethoxyphenyl)2methylpropyl ether	80844071	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1-(1,1-DIMETHYLETHYL)-2,6-DINITRO-3,4,5-TRIMETHYL-	5 tert.Buty1,2,3trimethyl4,6dinitrobenzene (Musk Tibetene)	145391	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENE, 1-(1,1-DIMETHYLETHYL)-2,6-DINITRO-3,4,5-TRIMETHYL-	Benzene, 1(1,1dimethylethyl)3,4,5trimethyl2,6dinitro	145391	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
BENZENE, 1-(1,1-DIMETHYLETHYL)-2,6-DINITRO-3,4,5-TRIMETHYL-	Musk tibetene	145391	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZENE, 1-(1,1-DIMETHYLETHYL)-2,6-DINITRO-3,4,5-TRIMETHYL-	Musk tibetene (1tertButyl2,6dinitro3,4,5trimethylbenzene)	145391	Prohibited by the International Fragrance Association for use in fragrance.	
BENZENE, 1-BROMO-4-FLUORO-	1bromo4fluorobenzene	460004	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZENE, 1-CHLORO-2-(CHLOROMETHYL)-	_,_2dichlorotoluene	611198	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1-CHLORO-2-(CHLOROMETHYL)-	_,_2dichlorotoluene	611198	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 1-CHLORO-2-(CHLOROMETHYL)-	_,_2dichlorotoluene	611198	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1-CHLORO-2-NITRO-	1chloro2nitrobenzene	88733	Classified as 'may cause cancer' (GHS H350).	
BENZENE, 1-CHLORO-2-NITRO-	1chloro2nitrobenzene	88733	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, 1-CHLORO-2-NITRO-	1chloro2nitrobenzene	88733	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, 1-CHLORO-2-NITRO-	1chloro2nitrobenzene	88733	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 1-CHLORO-2-NITRO-	1chloro2nitrobenzene	88733	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, 1-CHLORO-2-NITRO-	2Chloronitrobenzene	88733	Listed as an IARC Group 2B Carcinogen	
BENZENE, 1-CHLORO-2-NITRO-	2Chloronitrobenzene	88733	California Prop65 Chemical (cancer)	
BENZENE, 1-CHLORO-2,4-DINITRO-	1Chloro2,4dinitrobenzene	97007	Classified as 'fatal in contact with skin' (GHS H310).	
BENZENE, 1-CHLORO-2,4-DINITRO-	1Chloro2,4dinitrobenzene	97007	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 1-CHLORO-2,4-DINITRO-	1Chloro2,4dinitrobenzene	97007	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, 1-CHLORO-2,4-DINITRO-	1Chloro2,4dinitrobenzene	97007	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1-CHLORO-3-(2,2-DICHLORO-1-(4-CHLOROPHENYL)ETHYL)-	m,p'DDD	4329128	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZENE, 1-CHLORO-3-NITRO-	1Chloro3nitrobenzene	121733	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, 1-CHLORO-3-NITRO-	1Chloro3nitrobenzene	121733	Classified as 'fatal in contact with skin' (GHS H310).	
BENZENE, 1-CHLORO-3-NITRO-	1Chloro3nitrobenzene	121733	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 1-CHLORO-3-NITRO-	1Chloro3nitrobenzene	121733	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZENE, 1-CHLORO-3-NITRO-	1Chloro3nitrobenzene	121733	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, 1-CHLORO-4-(CHLOROMETHYL)	_4dichlorotoluene	104836	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1-ETHYL-4-METHYL (4-ETHYLTOLUENE)	1,3,5Trimethylbenzene; 1ethyl4methylbenzene; prop1en2ylbenzene; propan2ylbenzene; propylbenzene	64742956	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZENE, 1-FLUORO-4-NITRO-	1Fluoro4nitrobenzene	350469	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, 1-ISOCYANATO-3-METHYL-	mtolyl isocyanate	621294	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1-ISOCYANATO-3-METHYL-	mtolyl isocyanate	621294	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 1-ISOCYANATO-3-METHYL-	mtolyl isocyanate	621294	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1-ISOCYANATO-3-METHYL-	mtolyl isocyanate	621294	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1-ISOCYANATO-4-METHYL-	ptolyl isocyanate	622582	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1-ISOCYANATO-4-METHYL-	ptolyl isocyanate	622582	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 1-ISOCYANATO-4-METHYL-	ptolyl isocyanate	622582	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1-METHYLETHYL (CUMENE)	Cumene	98828	California Proposition 65 listed for cancer	
BENZENE, 1-METHYLETHYL (CUMENE)	Cumene	98828	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZENE, 1-METHYLETHYL (CUMENE)	Cumene	98828	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
BENZENE, 1-METHYLETHYL (CUMENE)	Cumene	98828	Listed as an IARC Group 2B Carcinogen	
BENZENE, 1-METHYLETHYL (CUMENE)	Cumene	98828	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZENE, 1,1'-METHYLENEBIS(4-ISOCYANATO-, HOMOPOLYMER	4,4'Methylenediphenyl diisocyanate, oligomers	25686286	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, 1,1'-METHYLENEBIS(4-ISOCYANATO-, HOMOPOLYMER	4,4'Methylenediphenyl diisocyanate, oligomers	25686286	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1,1'-OXYBIS(METHYL-	Ditolyl ether	28299414	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1,2-DICHLORO-3-NITRO-	1,2dichloro3nitrobenzene	3209221	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 1,2-DICHLORO-4-(TRICHLOROMETHYL)-	1,2dichloro4(trichloromethyl)benzene	13014249	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1,2-DICHLORO-4-NITRO-	1,2dichloro4nitrobenzene	99547	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, 1,2-METHYLENEDIOXY-4-PROPYL-	5propyl1,3benzodioxole	94586	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, 1,2-METHYLENEDIOXY-4-PROPYL-	Dihydrosafrole	94586	California Proposition 65 listed for cancer	
BENZENE, 1,2-METHYLENEDIOXY-4-PROPYL-	Dihydrosafrole	94586	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
BENZENE, 1,2,3-TRICHLORO-	1,2,3Trichlorobenzene	87616	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1,2,4-TRIMETHOXY-5-PROPENYL-, (E)-	cisand transAsarone ((E)and(Z)2,4,5Trimethoxypropen1yl benzene)	2883989; 5273869	Prohibited by the International Fragrance Association for use in fragrance.	
BENZENE, 1,2,4-TRIMETHOXY-5-PROPENYL-, (Z)-	cisand transAsarone ((E)and(Z)2,4,5Trimethoxypropen1yl benzene)	2883989; 5273869	Prohibited by the International Fragrance Association for use in fragrance.	
BENZENE, 1,3-BIS(1-ISOCYANATO-1-METHYLETHYL)-	1,3bis(1isocyanato1methylethyl)benzene	2778429	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 1,3-BIS(1-ISOCYANATO-1-METHYLETHYL)-	1,3bis(1isocyanato1methylethyl)benzene	2778429	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1,3-BIS(1-ISOCYANATO-1-METHYLETHYL)-	1,3bis(1isocyanato1methylethyl)benzene	2778429	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1,3-BIS(1-METHYLETHENYL)-	mbis(1methylvinyl)benzene	3748138	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BENZENE, 1,3-BIS(1-METHYLETHYL)-2-ISOCYANATO-	2,6diisopropylphenyl isocyanate	28178429	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 1,3-BIS(1-METHYLETHYL)-2-ISOCYANATO-	2,6diisopropylphenyl isocyanate	28178429	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 1,3-BIS(1-METHYLETHYL)-2-ISOCYANATO-	2,6diisopropylphenyl isocyanate	28178429	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1,3-DICHLORO-2-NITRO-	1,3dichloro2nitrobenzene	601887	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZENE, 1,3-DICHLORO-2-NITRO-	1,3dichloro2nitrobenzene	601887	Classified as 'may cause cancer' (GHS H350).	
BENZENE, 1,3-DICHLORO-2-NITRO-	1,3dichloro2nitrobenzene	601887	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 1,3-DIISOPROPYL	1,3Diisopropylbenzene	99627	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, 1,3-DIISOPROPYL	1,3Diisopropylbenzene	99627	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, 1,3,5-TRICHLORO-2,4,6-TRINITRO-	1,3,5Trichlorotrinitrobenzene	2631687	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 1,4-DICHLORO-2-NITRO-	1,4dichloro2nitrobenzene	89612	Listed as an IARC Group 2B Carcinogen	
BENZENE, 1,4-DICHLORO-2-NITRO-	1,4dichloro2nitrobenzene	89612	California Prop65 Chemical (cancer)	
BENZENE, 2,4-DICHLORO-1-(TRIFLUOROMETHYL)-	2,4dichloro_1_trifluorotoluene	320605	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, 2,4-DICHLORO-1-NITRO-	1,3dichloro4nitrobenzene	611063	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZENE, 2,4-DICHLORO-1-NITRO-	1,3dichloro4nitrobenzene	611063	Classified as 'may cause cancer' (GHS H350).	
BENZENE, 2,4-DICHLORO-1-NITRO-	1,3dichloro4nitrobenzene	611063	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, 2,4-DICHLORO-1-NITRO-	2,4Dichloro1nitrobenzene	611063	Listed as an IARC Group 2B Carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZENE, 2,4-DICHLORO-1-NITRO-	2,4Dichloro1nitrobenzene	611063	California Prop65 Chemical (cancer)	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	2,4Toluene Diisocyanate (see Toluene Diisocyanates)	584849	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	4 Methylphenylene diisocyanate (Toluene 2,4diisocyanate)	584849	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	4Methylphenylene diisocyanate	584849	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	4Methylphenylene diisocyanate	584849	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	4Methylphenylene diisocyanate	584849	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	Toluene Diisocyanate	26471625	California Proposition 65 listed for cancer	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	Toluene Diisocyanate	584849	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	Toluene diisocyanates	584849; 91087; 26471625	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZENE, 2,4-DIISOCYANATO-1-METHYL-	2,4Toluene diisocyanate	584849	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZENE, 2,4-DIISOCYANATO-1,3,5-TRIS(1-METHYLETHYL)-	2,4,6triisopropylphenylene diisocyanate	2162734	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, 2,4-DIISOCYANATO-1,3,5-TRIS(1-METHYLETHYL)-	2,4,6triisopropylphenylene diisocyanate	2162734	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, CYCLOHEXYL-	Cyclohexylbenzene	827521	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, DIVINYL-	DIVINYLBENZENE	1321740	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, DIVINYL-	DIVINYLBENZENE	1321740	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, ETHYNYL-	Phenylacetylene	536743	Classified as 'suspected of causing cancer' (GHS H351).	
BENZENE, ISOBUTYL-	isobutylbenzene	538932	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZENE, ISOCYANATO-	PHENYL ISOCYANATE	103719	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENE, ISOCYANATO-	PHENYL ISOCYANATE	103719	Classified as 'fatal if inhaled' (GHS H330).	
BENZENE, ISOCYANATO-	PHENYL ISOCYANATE	103719	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENE, M-DINITRO-	mDinitrobenzene	99650	California Proposition 65 listed for male	
BENZENE, M-DIVINYL-	Benzene, diethenyl and Benzene, ethenylethyl; Divinylbenzene; Divinylbenzene used as monomer in imported polymers; Divinylbenzene55; DVB; DVB570, DVB630, DVB810; DVBDivinylbenzene; Reaction mass of 1,2divinylbenzene and 1ethyl2vinylbenzene;	108576	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, M-DIVINYL-	Benzene, diethenyl and Benzene, ethenylethyl; Divinylbenzene; Divinylbenzene used as monomer in imported polymers; Divinylbenzene55; DVB; DVB570, DVB630, DVB810; DVBDivinylbenzene; Reaction mass of 1,2divinylbenzene and 1ethyl2vinylbenzene;	108576	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, M-DIVINYL-	DIVINYLBENZENE	1321740	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, M-DIVINYL-	DIVINYLBENZENE	1321740	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, METHYLNITRO-	Nitrotoluene	1321126	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENE, METHYLNITRO-	Nitrotoluene	1321126	Classified as 'toxic if inhaled' (GHS H331).	
BENZENE, O-DINITRO-	oDinitrobenzene	528290	California Proposition 65 listed for male	
BENZENE, P-DIISOPROPYL-	1,4diisopropylbenzene	100185	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENE, P-DIISOPROPYL-	1,4diisopropylbenzene	100185	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENE, P-DINITRO-	pDinitrobenzene	100254	California Proposition 65 listed for male	
BENZENE, TRICHLORO-	Trichlorobenzene	12002481	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZENEACETIC ACID, 3-BENZOYL-ALPHA-METHYL-, (S)-	(2S)2(3benzoylphenyl)propanoic acid; (S)(+)Ketoprofen; Benzeneacetic acid, 3benzoylalphamethyl (alphaS); Benzeneacetic acid, 3benzoyl_methyl, (_S); 3benzoylalphamethyl benzeneacetic acid	22161815	Classified as 'toxic in contact with skin' (GHS H311).	
BENZENEACETIC ACID, 3-BENZOYL-ALPHA-METHYL-, (S)-	(2S)2(3benzoylphenyl)propanoic acid; (S)(+)Ketoprofen; Benzeneacetic acid, 3benzoylalphamethyl (alphaS); Benzeneacetic acid, 3benzoyl_methyl, (_S); 3benzoylalphamethyl benzeneacetic acid	22161815	Classified as 'toxic if inhaled' (GHS H331).	
BENZENEACETONITRILE, ALPHA-HYDROXY-3-PHENOXY-, (S)-	(2S)2hydroxy2(3phenoxyphenyl)acetoneitrile	61826764	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENEACETYL CHLORIDE, ALPHA-AMINO-, HYDROCHLORIDE, (ALPHA-R)-	Phenylglycine Acid Chloride	39878870	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
BENZENEACETYL CHLORIDE, ALPHA-AMINO-, HYDROCHLORIDE, (ALPHA-R)-	Phenylglycine Acid Chloride	39878870	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZENEDIAMINE, AR,AR-DIETHYL-AR-METHYL-	Diethylmethylbenzenediamine	68479981	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENEPROPANOIC ACID, BETA-(BENZOYLAMINO)-ALPHA-HYDROXY-, 6,12B-BIS(ACETILOXY)-12-	Paclitaxel	33069624	California Proposition 65 listed for developmental, female, male	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZENESULFOCHLORAMIDE, N-CHLORO-, SODIUM SALT	Sodium Nchlorobenzenesulphonamide	127526	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFOCHLORAMIDE, N-CHLORO-, SODIUM SALT	Sodium Nchlorobenzenesulphonamide	127526	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENESULFONAMIDE, 2-CHLORO-5-(1-HYDROXY-3-OXO-1-ISOINDOLINYL)-	Chlortalidone	77361	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZENESULFONAMIDE, 2-CHLORO-5-(1-HYDROXY-3-OXO-1-ISOINDOLINYL)-	Chlortalidone (INN)	77361	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENESULFONAMIDE, 4-AMINO-N-(2-PYRIDINYL)-	Sulfapyridine	144832	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENESULFONAMIDE, AR-METHYL-, POLYMER WITH FORMALDEHYDE AND 1,3,5-TRIAZINE-2,4,6-TRIAMINE,	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
BENZENESULFONAMIDE, P-(TETRAHYDRO-2H-1,2-THIAZIN-2-YL)-, DIOXIDE	Sultiame	61563	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZENESULFONAMIDE, P-(TETRAHYDRO-2H-1,2-THIAZIN-2-YL)-, DIOXIDE	Sultiame (INN)	61563	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZENESULFONIC ACID	Benzenesulphonic acid	98113	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, ((4-(BIS(4-((SULFOPHENYL)AMINO)PHENYL)METHYLENE)-2,5-CYCLOHEXADIEN-1-	C.I. Acid Blue 93	28983564	Non FDA approved colorant.	
BENZENESULFONIC ACID, ((4-(BIS(4-((SULFOPHENYL)AMINO)PHENYL)METHYLENE)-2,5-CYCLOHEXADIEN-1-	Methyl Blue	28983564	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
BENZENESULFONIC ACID, ((4-(BIS(4-((SULFOPHENYL)AMINO)PHENYL)METHYLENE)-2,5-CYCLOHEXADIEN-1-	Methyl Blue	28983564	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZENESULFONIC ACID, 2-AMINO-5-((4-AMINO-3-SULFOPHENYL)(4-IMINO-3-SULFO-2,5-CYCLOHEXADIEN-1-	3(1(4amino3methyl5sulphonatophenyl)1(4amino3sulphonatophenyl)methyl)cyclohexa1,4dienesulphonic acid	3244880	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 2-AMINO-5-CHLORO-4-METHYL-	5amino2chlorotoluene4sulphonic acid	88539	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 2-METHYL-5-NITRO-	4nitrotoluene2sulphonic acid	121039	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 2,2'-(1,2-ETHENEDIYL)BIS(5-((4-(BIS(2-HYDROXYETHYL)AMINO)-6-((4-	C.I. Fluorescent Brightener 220	16470249	Non FDA approved colorant.	
BENZENESULFONIC ACID, 2,5-DIAMINO-	2,5diaminobenzenesulphonic acid	88459	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 3-AMINO-4-HYDROXY-5-NITRO-	3amino4hydroxy5nitrobenzenesulphonic acid	96935	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 3,5-DICARBOXY-, SODIUM SALT	Sodium hydrogen5sulphoisophthalate	6362794	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZENESULFONIC ACID, 4-CHLORO-	4chlorobenzenesulphonic acid	98668	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 4-METHYL-, MONOHYDRATE	Toluene4sulphonic acid	104154; 6192525	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, 4,4'-OXYBIS-, DIHYDRAZIDE	4,4'oxydi(benzenesulphonohydrazide)	80513	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZENESULFONIC ACID, 4,4'-OXYBIS-, DIHYDRAZIDE	4,4'oxydi(benzenesulphonohydrazide)	80513	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENESULFONIC ACID, 4,4'-OXYBIS-, DIHYDRAZIDE	4,4'oxydi(benzenesulphonohydrazide)	80513	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENESULFONIC ACID, METHYL ESTER	Methyl benzenesulphonate	80182	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZENESULFONIC ACID, METHYL ESTER	Methyl benzenesulphonate	80182	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, O-AMINO-	2aminobenzenesulphonic acid	88211	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONIC ACID, P-HYDROXY-	4hydroxybenzenesulphonic acid	98679	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONYL CHLORIDE	Benzenesulphonyl chloride	98099	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONYL CHLORIDE	Benzenesulphonyl chloride	98099	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZENESULFONYL CHLORIDE, 4-(ACETYLAMINO)-	Nacetylsulphanilil chloride	121608	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONYL CHLORIDE, 4-(ACETYLAMINO)-	Nacetylsulphanilil chloride	121608	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZENESULFONYL CHLORIDE, 4-METHYL-	Tosyl chloride	98599	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENESULFONYL CHLORIDE, P-CHLORO-	4chlorobenzenesulphonyl chloride	98602	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZENETHIOL	Benzenethiol	108985	Classified as 'fatal in contact with skin' (GHS H310).	
BENZENETHIOL	Benzenethiol	108985	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZETHIOL	Benzenethiol	108985	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZETHIOL	Benzenethiol	108985	Classified as 'fatal if inhaled' (GHS H330).	
BENZETHIOL	Benzenethiol	108985	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZETHIOL, P-CHLORO-	4chlorobenzenethiol	106547	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZETHIOL, PENTACHLORO-	Benzenethiol, pentachloro	133493	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
BENZETHONIUM CHLORIDE	BENZETHONIUM CHLORIDE	121540	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BENZETHONIUM CHLORIDE	BENZETHONIUM CHLORIDE	121540	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZETHONIUM CHLORIDE	BENZETHONIUM CHLORIDE	121540	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZIDINE	Benzidine	92875	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZIDINE	Benzidine	92875	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZIDINE	Benzidine	92875	EPA IRIS 'human carcinogen'.	
BENZIDINE	Benzidine	92875	Carcinogenic to humans' IARC (Category 1, Volume 29, Sup 7, 99, 100F 2012)	
BENZIDINE	Benzidine (See Benzidine and Dyes Metabolized to Benzidine)	92875	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BENZIDINE	Benzidine [and its salts]	92875	California Proposition 65 listed for cancer	
BENZIDINE	Benzidine	92875	Listed on the 14th Report on Carcinogens as a known carcinogen	
BENZIDINE SULFATE	[[1,1' Biphenyl]4,4'diy]diammonium sulphate	531862	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZIDINE, 3,3'-DICHLORO-, SULFATE	3,3' Dichlorobenzidine sulphate	74332733	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZIDINE, 3,3'-DIMETHOXY-, DIHYDROCHLORIDE	3,3'Dimethoxybenzidine dihydrochloride	20325400	California Proposition 65 listed for cancer	
BENZIDINE, 3,3'-DIMETHOXY-, DIHYDROCHLORIDE	3,3'dimethoxybiphenyl4,4'ylenediammonium dichloride	20325400	Classified as 'may cause cancer' (GHS H350).	
BENZIDINE, 3,3'-DIMETHOXY-, DIHYDROCHLORIDE	3,3'dimethoxybiphenyl4,4'ylenediammonium dichloride	20325400	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZIDINE, DIHYDROCHLORIDE	Benzidine dihydrochloride	531851	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZILIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER	Benactyzine	302409	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZILIC ACID, 2-(DIETHYLAMINO)ETHYL ESTER	Benactyzine (INN)	302409	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZINE (MOTOR FUEL)	Gasoline	86290815	Classified as 'may cause cancer' (GHS H350).	
BENZINE (MOTOR FUEL)	Gasoline	86290815	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BENZINE (MOTOR FUEL)	Gasoline	86290815	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BENZINE (MOTOR FUEL)	Gasoline	86290815	Classified as 'may cause genetic defects' (GHS H340).	
BENZISOTHIAZOLINONE	1,2Benzisothiazol[3(2H)one	2634335	Classified as 'fatal if inhaled' (GHS H330).	
BENZISOTHIAZOLINONE	BENZISOTHIAZOLINONE	2634335	Isotiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
BENZO(B)TRIPHENYLENE	Dibenzo[a,c]anthracene	215587	California Proposition 65 listed for cancer	
BENZO(B)TRIPHENYLENE	Dibenzo[a,c]anthracene	215587	California Prop65 Chemical (cancer)	
BENZO(C)PHENANTHRENE	Benzo[ <i>c</i> ]phenanthrene	195197	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7 2010)	
BENZO(GH)PERYLENE	Benzo[ <i>g,h,i</i> ]perylene	191242	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
BENZO(RST)PENTAPHENE	Dibenzo[ <i>a,h,i</i> ]pyrene	189559	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
BENZO(RST)PENTAPHENE	Dibenzo[ <i>a,i</i> ]pyrene	189559	California Proposition 65 listed for cancer	
BENZO(RST)PENTAPHENE	Dibenzo[ <i>a,i</i> ]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	189559	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZO(RST)PENTAPHENE	Dibenzo[ <i>a,i</i> ]pyrene	189559	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZO[A]PYRENE	Benzo[ <i>a</i> ]pyrene	50328	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 92, 100F 2012)	
BENZO[A]PYRENE	Benzo[ <i>a</i> ]pyrene	50328	California Proposition 65 listed for cancer	
BENZO[A]PYRENE	Benzo[ <i>a</i> ]pyrene	50328	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZO[A]PYRENE	Benzo[ <i>a</i> ]pyrene (BaP)	50328	EPA IRIS 'carcinogenic to humans'.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZO[A]PYRENE	Benzo[a]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	50328	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZO[A]PYRENE	Benzo[def]chrysene; (=benzo[a]pyrene)	50328	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZO[A]PYRENE	Benzo[a]pyrene	50328	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZO[E]PYRENE	benzo[e]pyrene	192972	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZO[J]FLUORANTHENE	Benzo[ <i>jk</i> ]fluoranthene	205823	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
BENZO[J]FLUORANTHENE	benzo[ <i>jj</i> ]fluoranthene	205823	California Proposition 65 listed for cancer	
BENZO[J]FLUORANTHENE	benzo[ <i>jj</i> ]fluoranthene	205823	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZO[J]FLUORANTHENE	Benzo[ <i>jj</i> ]fluoranthene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	205823	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZO[J]FLUORANTHENE	benzo[ <i>jj</i> ]fluoranthene	205823	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZO[K]FLUORANTHENE	Benzo[ <i>kl</i> ]fluoranthene	207089	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
BENZO[K]FLUORANTHENE	benzo[ <i>kj</i> ]fluoranthene	207089	California Proposition 65 listed for cancer	
BENZO[K]FLUORANTHENE	benzo[ <i>kj</i> ]fluoranthene	207089	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZO[K]FLUORANTHENE	benzo[ <i>kj</i> ]fluoranthene	207089	EPA IRIS 'probable carcinogen'.	
BENZO[K]FLUORANTHENE	Benzo[ <i>kj</i> ]fluoranthene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	207089	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZO[K]FLUORANTHENE	benzo[ <i>kj</i> ]fluoranthene	207089	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZOCAINE	Ethyl PABA	94097	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZODIAZEPINE	Benzazepines and benzodiazepines	12794104	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOFURAN	Benzofuran	271896	California Proposition 65 listed for cancer	
BENZOFURAN	Benzofuran	271896	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63 1995)	
BENZOGUANAMINE	6phenyl1,3,5triazine2,4diyl diamine	91769	Classified as 'toxic if inhaled' (GHS H331).	
BENZOIC ACID, 2-((((4-CHLORO-6-METHOXY-2-PYRIMIDINYL)AMINO)CARBONYL)AMINO)SULFONYL)-ETHYL	ethyl 2((((4chloro6methoxypyrimidin2yl)carbamoyl)amino)sulfonyl)benzoate	90982324	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOIC ACID, 2-((((4-ETHOXY-6-(METHYLAMINO)-1,3,5-TRIAZIN-2-YL)AMINO)CARBONYL)AMINO)	methyl 2((((4ethoxy6(methylamino)1,3,5triazin2yl)carbamoyl)amino)sulfonyl)benzoate	97780068	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOIC ACID, 2-((1-HYDROXY-4-SULFO-2-NAPHTHALENYL)AZO)-, DISODIUM SALT	Chromium Compounds	6408828	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZOIC ACID, 2-(8'-TRIFLUOROMETHYL-4'-QUINOLYLAMINO)-, 2,3-DIHYDROXYPROPYL ESTER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
BENZOIC ACID, 2-CHLORO-5-(3,6-DIHYDRO-3-METHYL-2,6-DIOXO-4-(TRIFLUOROMETHYL)-1(2H)-	prop2en1yl 2(2chloro5[3methyl2,6dioxo4(trifluoromethyl)1,2,3,6tetrahydropyrimidin1yl]benzoyloxy)2methylpropanoate	134605644	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOIC ACID, 2-HYDROXY-5-((4-SULFOPHENYL)AZO)-, DISODIUM SALT	Chromium Compounds	6054995	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BENZOIC ACID, 3-AMINO-4-BUTOXY-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER	Betoxycaine (INN) and its salts	3818620	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOIC ACID, 3-AMINO-4-BUTOXY-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER	Betoxycaine and its salts	3818620	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZOIC ACID, 3,5-DIACETAMIDO-2,4,6-TRIIODO-	3,5diacetamido2,4,6triiodobenzoic acid	117964	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BENZOIC ACID, 4-ETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER	Parethoxycaine (INN) and its salts	94235	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOIC ACID, 4-ETHOXY-, 2-(DIETHYLAMINO)ETHYL ESTER	Parethoxycaine and its salts	94235	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZOIC ACID, 5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-NITRO-, 2-ETHOXY-1-METHYL-2-OXOETHYL	Lactofen	77501634	California Proposition 65 listed for cancer	
BENZOIC ACID, 5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-NITRO-, SODIUM SALT	Acifluorfen sodium	62476599	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZOIC ACID, 5-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENOXY)-2-NITRO-, SODIUM SALT	Sodium 5[2chloro4(trifluoromethyl)phenoxy]2nitrobenzoate	62476599	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOIC ACID, O-CHLORO-, NICKEL(II) SALT	Nickel Compounds	7250604	Listed on the 14th Report on Carcinogens as a known carcinogen	
BENZOIC ACID, P-(BUTYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER	Tetracain and its salts	94246	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZOIC ACID, P-(BUTYLAMINO)-, 2-(DIMETHYLAMINO)ETHYL ESTER	Tetracaine (INN) and its salts	94246	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOIC ACID, P-(DIPROPYLSULFAMOYL)-	Probenecid	57669	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZOIC ACID, P-(DIPROPYLSULFAMOYL)-	Probenecid (INN)	57669	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOIC ACID, P-HYDROXY-, PENTYL ESTER	Pentyl 4 hydroxybenzoate (INCI: Pentylparaben)	6521295	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZONITRILE, M-NITRO-	3nitrobenzonitrile	619249	Classified as 'toxic in contact with skin' (GHS H311).	
BENZONITRILE, M-NITRO-	3nitrobenzonitrile	619249	Classified as 'toxic if inhaled' (GHS H331).	
BENZOPHENONE	Benzophenone	119619	California Proposition 65 listed for cancer	
BENZOPHENONE	Benzophenone	119619	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOPHENONE	Benzophenone	119619	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
BENZOPHENONE	Benzophenone	119619	Listed as an IARC Group 2B Carcinogen	
Benzophenone	Benzophenone	119-61-9	This ingredient is banned the European Union	X
BENZOPHENONE-1	2,4Dihydroxybenzophenon = Resbenzophenone	131566	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZOPHENONE-12	Benzophenone12	1843056	Similar ingredients have endocrine disrupting and sensitizing effects.	
BENZOPHENONE-2	Benzophenone2 (Bp2), 2,2',4,4'tetrahydroxybenzophenone	131555	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZOPHENONE, 4,4'-DIHYDROXY-	4,4'Dihydroxybenzophenon	611994	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BENZOQUINONE, P-	pbenzoquinone	106514	Classified as 'toxic if inhaled' (GHS H331).	
BENZOTHIAZOLE	Benzothiazole	95169	Classified as 'toxic in contact with skin' (GHS H311).	
BENZOTHIAZOLE-2-THIOL	2MERCAPTOBENZOTHIAZOLE	149304	Probably carcinogenic to humans' IARC (Category 2A, Volume 115 2018 )	
BENZOTHIAZOLE-2-THIOL	2-Mercaptobenzothiazole	149304	California Proposition 65 listed for cancer	
BENZOTHIAZOLE-2-THIOL	benzothiazole2thiol	149304	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOTHIAZOLE-2-THIOL	2MERCAPTOBENZOTHIAZOLE	149304	Listed as an IARC Group 2A Carcinogen	
BENZOTHIAZOLE-2-THIOL	2-Mercaptobenzothiazole	149304	California Prop65 Chemical (cancer)	
BENZOTHIAZOLE, 2-CHLORO-	2chlorobenzothiazole	615203	Classified as 'fatal if inhaled' (GHS H330).	
BENZOTRIAZOLE	Benzotriazole	95147	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
BENZOTRIAZOLE	Benzotriazole	95147	Classified as persistent in the Detergents Ingredients Database (DIDlist) and classified as 'harmful to aquatic life with long lasting effects' (GHS H412).	
BENZOAZOLE, 2-AMINO-5-CHLORO-	Zoxazolamine	61803	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZOAZOLE, 2-AMINO-5-CHLORO-	Zoxazolamine (INN)	61803	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZOXONIUM CHLORIDE	Benzoxonium chloride	19379909	Classified as 'toxic if inhaled' (GHS H331).	
BENZOXONIUM CHLORIDE	Benzoxonium chloride	19379909	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOYL CHLORIDE	alphaChlorinated toluenes (benzal chloride, benzotrichloride, benzyl chloride) and benzoyl chloride (combined exposures)	98884	Probably carcinogenic to humans' IARC (Category 2A, Volume 29, Sup 7, 71 1999)	
BENZOYL CHLORIDE	benzoyl chloride	98884	Classified as 'toxic in contact with skin' (GHS H311).	
BENZOYL CHLORIDE	benzoyl chloride	98884	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE	benzoyl chloride	98884	Classified as 'toxic if inhaled' (GHS H331).	
BENZOYL CHLORIDE, 2,4-DICHLORO-	2,4dichlorobenzoyl chloride	89758	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE, 3-METHYL-	mtoluoyl chloride	1711064	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE, 3,5-DICHLORO-	3,5dichlorobenzoyl chloride	2905626	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE, 3,5-DINITRO-	3,5dinitrobenzoyl chloride	99332	Classified as 'suspected of causing genetic defects' (GHS H341).	
BENZOYL CHLORIDE, 3,5-DINITRO-	3,5dinitrobenzoyl chloride	99332	Classified as 'causes severe skin burns and eye damage' (GHS H314).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BENZOYL CHLORIDE, 4-CHLORO-	4chlorobenzoyl chloride	122010	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE, O-FLUORO-	2fluorobenzoyl chloride	393522	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL CHLORIDE, P-NITRO-	4nitrobenzoyl chloride	122043	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZOYL ISOPROPANOL	2hydroxy2methylpropiofenone	7473985	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZOYL PEROXIDE	Dibenzoyl peroxide	94360	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZYL 2,4-DIBROMOBUTANOATE	Benzyl 2,4 dibromobutanoate	23085601	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZYL ALCOHOL, 3,4-DIHYDROXY-ALPHA-((ISOPROPYLAMINO)METHYL)-	Isoprenaline	7683592	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZYL ALCOHOL, 3,4-DIHYDROXY-ALPHA-((ISOPROPYLAMINO)METHYL)-	Isoprenaline (INN)	7683592	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZYL ALCOHOL, 3,4-DIHYDROXY-ALPHA-((ISOPROPYLAMINO)METHYL)-, (-)-	Isoprenaline	7683592	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZYL ALCOHOL, ALPHA-((2-PYRIDYLAMINO)METHYL)-	Fenylamidol	553695	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZYL ALCOHOL, ALPHA-((2-PYRIDYLAMINO)METHYL)-	Fenylamidol (INN)	553695	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZYL ALCOHOL, ALPHA-(AMINOMETHYL)-3,4-DIHYDROXY-, (-)-	Noradrenaline and its salts	51412	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BENZYL ALCOHOL, ALPHA-(AMINOMETHYL)-3,4-DIHYDROXY-, (-)-	Noradrenaline and its salts	51412	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BENZYL CHLOROFORMATE	benzyl chloroformate	501531	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZYL CHLOROFORMATE	benzyl chloroformate	501531	Classified as 'fatal if inhaled' (GHS H330).	
BENZYL CHLOROFORMATE	benzyl chloroformate	501531	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZYL-2-HYDROXYDODECYLDIMETHYLAMMONIUM BENZOATE	benzyl2hydroxydodecyldimethylammonium benzoate	113694523	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZYL-2-HYDROXYDODECYLDIMETHYLAMMONIUM BENZOATE	benzyl2hydroxydodecyldimethylammonium benzoate	113694523	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BENZYLAMINE	benzylamine	100469	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZYLAMINE, ALPHA-ETHYL-	1phenylpropan1amine	2941200	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-	Phenoxybenzamine	59961	California Proposition 65 listed for cancer	
BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE	Phenoxybenzamine hydrochloride	63923	California Proposition 65 listed for cancer	
BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE	Phenoxybenzamine hydrochloride	63923	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE	Phenoxybenzamine hydrochloride	63923	Possibly carcinogenic to humans' IARC (Category 2B, Volume 24, Sup 7 1987)	
BENZYLAMINE, N-(2-CHLOROETHYL)-N-(1-METHYL-2-PHENOXYETHYL)-, HYDROCHLORIDE	Phenoxybenzamine hydrochloride	63923	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BENZYLDIMETHYLAMINE	benzyl dimethylamine	103833	Classified as 'toxic in contact with skin' (GHS H311).	
BENZYLDIMETHYLAMINE	benzyl dimethylamine	103833	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BENZYLDIMETHYLAMINE	benzyl dimethylamine	103833	Classified as 'toxic if inhaled' (GHS H331).	
BENZYL PARABEN	Benzyl 4 hydroxybenzoate (INCI: Benzylparaben)	94188	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BERTRANDITE	Beryllium Compounds	12161829	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYL	Beryllium Compounds	1302529	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLATE(2-), TETRAFLUORO-, DIAMMONIUM, (T-4)-	Beryllium Compounds	14874863	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM	beryllium	7440417	California Proposition 65 listed for cancer	
BERYLLIUM	beryllium	7440417	Classified as 'fatal if inhaled' (GHS H330).	
BERYLLIUM	Beryllium (see Beryllium and Beryllium Compounds)	7440417	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BERYLLIUM	Beryllium and beryllium compounds	7440417	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 58, 100C 2012)	
BERYLLIUM	Beryllium and compounds	7440417	EPA IRIS 'probable carcinogen'.	
BERYLLIUM	Beryllium and compounds	7440417	EPA IRIS 'known/likely carcinogen'.	
BERYLLIUM	Beryllium and its compounds	7440417	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BERYLLIUM	Beryllium and its compounds	7440417	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

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BERYLLIUM	Beryllium compounds with the exception of aluminium beryllium silicates	7440417	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BERYLLIUM	beryllium	7440417	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM	Beryllium Compounds	7440417	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM ALUMINUM ALLOY	Beryllium Compounds	12770502	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM CARBONATE (1:1)	Beryllium Compounds	13106473	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM CHLORIDE	Beryllium Compounds	7787475	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM FLUORIDE	Beryllium Compounds	7787497	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM HYDROGEN PHOSPHATE (1:1)	Beryllium Compounds	13598157	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM HYDROXIDE	Beryllium Compounds	13327327	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM NITRATE	Beryllium Compounds	13597994	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM OXIDE	beryllium oxide	1304569	California Proposition 65 listed for cancer	
BERYLLIUM OXIDE	beryllium oxide	1304569	Classified as 'fatal if inhaled' (GHS H330).	
BERYLLIUM OXIDE	Beryllium Compounds	1304569	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM OXYFLUORIDE	Beryllium Compounds	63990885	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM PHOSPHATE (3:2)	Beryllium Compounds	35089000	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM SULFATE (1:1)	Beryllium Compounds	13510491	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM SULFATE, TETRAHYDRATE (1:1:4)	Beryllium Compounds	7787566	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM, BIS(CARBONATO(2-))DIHYDROXYTRI-	Beryllium Compounds	66104243	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM, COMPD. WITH NIOBIUM (12:1)	Beryllium Compounds	12010127	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM, COMPD. WITH TITANIUM (12:1)	Beryllium Compounds	12232676	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM, COMPD. WITH VANADIUM (12:1)	Beryllium Compounds	12400167	Listed on the 14th Report on Carcinogens as a known carcinogen	
BERYLLIUM, HEXAKIS(MU-ACETATO)-MU(SUP 4)-OXOTETRA-	Beryllium Compounds	19049402	Listed on the 14th Report on Carcinogens as a known carcinogen	
BETA-D-FRUCTOPYRANOSE, 2,3,4,5-BIS-O-(1-METHYLETHYLIDENE)-, SULFAMATE	Topiramate	97240794	California Proposition 65 listed for developmental	
BETA-D-FRUCTOPYRANOSE, 2,3,4,5-BIS-O-(1-METHYLETHYLIDENE)-, SULFAMATE	Topiramate	97240794	California Prop65 Chemical (developmental)	
BETA-D-GLUCOPYRANOSIDE, (METHYL-ONN-AZOXY)METHYL-	Cycasin	14901087	California Proposition 65 listed for cancer	
BETA-D-GLUCOPYRANOSIDE, (METHYL-ONN-AZOXY)METHYL-	Cycasin	14901087	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
beta-METHYL-CYCLODODECANEETHANOL	2cycloiododecylpropan1ol	118562735	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BHA	Butylated hydroxyanisole	25013165	California Proposition 65 listed for cancer	
BHA	Butylated hydroxyanisole	25013165	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BHA	Butylated hydroxyanisole (BHA)	25013165	Possibly carcinogenic to humans' IARC (Category 2B, Volume 40, Sup 7 1987)	
BHA	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'may cause cancer' (GHS H350).	
BHA	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'suspected of causing cancer' (GHS H351).	
BHA	tertbutyl4methoxyphenol	121006; 25013165	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BHA	tert-Butylhydroxyanisole (BHA)	25013165	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BHA	Butylated hydroxyanisole	25013165	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BHT	2,4ditertbutyl6methylphenol; 2,6ditertbutyl4methylphenol;	128370	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BHT	2,6Ditertbutylp cresol	128370	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ANHYDRIDE	1,2,3,6tetrahydro3,6methanophthalic anhydride	826620	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-, DIBUTYL ESTER	Dibutyl 1,4,5,6,7,7hexachlorobicyclo[2.2.1]hept5ene2,3dicarboxylate	1770805	Classified as 'toxic in contact with skin' (GHS H311).	
BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-, DIBUTYL ESTER	Dibutyl 1,4,5,6,7,7hexachlorobicyclo[2.2.1]hept5ene2,3dicarboxylate	1770805	Classified as 'fatal if inhaled' (GHS H330).	
BICYCLO(2.2.1)HEPT-5-ENE-2,3-DICARBOXYLIC ACID, 1,4,5,6,7,7-HEXACHLORO-, DIBUTYL ESTER	Dibutyl 1,4,5,6,7,7hexachlorobicyclo[2.2.1]hept5ene2,3dicarboxylate	1770805	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BICYCLO(4.1.0)HEPT-3-ENE, 3,7,7(OR 4,7,7)-TRIMETHYL-	Carene	13466789	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	

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BICYCLO[4.1.0]HEPT-3-ENE, 3,7,7(OR 4,7,7)-TRIMETHYL-	Carene	13466789	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BICYCLO[2.2.1]HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1R)	(+)-bornan2one	464493	Classified as 'fatal if inhaled' (GHS H330).	
BIGUANIDE, 1,1-DIMETHYL-	Metformin (INN) and its salts	657249	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIGUANIDE, 1,1-DIMETHYL-	Metformin and its salts	657249	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BINAPACRYL	binapacryl	485314	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIPHENYL	Biphenyl	92524	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
BIPHENYL	Biphenyl	92524	Classified as 'fatal if inhaled' (GHS H330).	
BIPHENYL	Biphenyl	92524	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIPHENYL-2-YLAMINE	Biphenyl 2ylamine	90415	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIPHENYL-2-YLAMINE	biphenyl2ylamine	90415	Classified as 'suspected of causing cancer' (GHS H351).	
BIPHENYL, 3,3',4,4'-TETRACHLORO-	PCB 77 (3,3',4,4'Tetrachlorobiphenyl)	32598133	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BIPHENYL, 3,3',4,4',5,5'-HEXACHLORO-	PCB 169 (3,3',4,4',5,5'Hexachlorobiphenyl)	32774166	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BIPHENYL, HEXABROMO-	Hexabromobiphenyl (under Polybrominated Biphenyls)	36355018	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BIPHENYL, HEXABROMO-	Hexabromobiphenyl	36355018	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BIPHENYL, OCTABROMO-	OCTABROMOBIPHENYL	61288139	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl) Ether (see Bis(chloromethyl) Ether and Technical Grade Chloromethyl Methyl Ether)	542881	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl)ether	542881	California Proposition 65 listed for cancer	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl)ether (BCME)	542881	EPA IRIS 'human carcinogen'.	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl)ether; chloromethyl methyl ether (technical grade)	107302	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100F 2012)	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl)ether; chloromethyl methyl ether (technical grade)	542881	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100F 2012)	
BIS (CHLOROMETHYL) ETHER	Oxybis(chloromethane); bis (Chloromethyl) ether	542881	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIS (CHLOROMETHYL) ETHER	Bis(chloromethyl) Ether	542881	Listed on the 14th Report on Carcinogens as a known carcinogen	
BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE	Bisphenol A diglycidyl ether (BADGE)	1675543	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE	Bisphenol A diglycidyl ether (BADGE)	1675543	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
BIS-HYDROXYETHYL TALLOWMONIUM CHLORIDE	BisHydroxyethyl Tallowmonium Chloride	67784774	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
BIS[_(CYCLOPENTADIENYL)-BIS(2,6-DIFLUORO-3-PYRROL-1-YL)-PHENYL]TITANIUM	Bis(cyclopentadienyl) bis(2,6difluoro3(pyrrol1yl)phenyl)titanium	125051323	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIS[_(DIMETHYLBENZYL) PEROXIDE	BIS[_(DIMETHYLBENZYL) PEROXIDE	80433	Europe prohibits this ingredient in cosmetics	
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL) 2-(4-METHOXYBENZYLIDENE)MALONATE	bis(1,2,2,6,6pentamethyl4piperidinyl) 2(4methoxybenzylidene)malonate	147783695	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIS(2-CHLOROETHYL) ETHER	Bis(2 chloroethyl) ether	111444	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIS(2-CHLOROETHYL) ETHER	bis(2chloroethyl) ether	111444	Classified as 'suspected of causing cancer' (GHS H351).	
BIS(2-CHLOROETHYL) ETHER	bis(2chloroethyl) ether	111444	Classified as 'fatal in contact with skin' (GHS H310).	
BIS(2-CHLOROETHYL) ETHER	bis(2chloroethyl) ether	111444	Classified as 'fatal if inhaled' (GHS H330).	
BIS(2-CHLOROETHYL) ETHER	Bis(2chloroethyl)ether	111444	California Proposition 65 listed for cancer	
BIS(2-CHLOROETHYL) ETHER	Bis(chloroethyl)ether (BCEE)	111444	EPA IRIS 'probable carcinogen'.	
BIS(2-DIMETHYLAMINOETHYL)(METHYL)AMINE	bis(2dimethylaminoethyl)(methyl)amine	3030475	Classified as 'toxic in contact with skin' (GHS H311).	
BIS(2-DIMETHYLAMINOETHYL)(METHYL)AMINE	bis(2dimethylaminoethyl)(methyl)amine	3030475	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BIS(2-DIMETHYLAMINOETHYL)(METHYL)AMINE	bis(2dimethylaminoethyl)(methyl)amine	3030475	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BIS(2-ETHYLHEXYL)OCTYLPHOSPHONATE	bis(2ethylhexyl)octylphosphonate	52894027	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIS(2-METHOXYETHYL) PHTHALATE	bis(2 Methoxyethyl) phthalate	117828	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BIS(2,6-DIMETHOXYBENZOYL)-2,4,4-TRIMETHYLPENTYLPHOSPHINOXIDE	bis(2,6dimethoxybenzoyl)2,4,4trimethylpentylphosphinioxide	145052342	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIS(3,5-DI-TERT-BUTYLSALICYLATO-O1,O2)ZINC	Bis(3,5bis(1,1dimethylethyl)2hydroxybenzoatoO1,O2)zinc	42405403	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIS(4-METHYLBENZOYL)PEROXIDE	bis(4methylbenzoyl)peroxide	895852	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BIS(N-(7-HYDROXY-8-METHYL-5-PHENYLPHENAZIN-3-YLIDENE)DIMETHYLAMMONIUM) SULFATE	bis(N(7hydroxy8methyl5phenylphenazin3ylidene)dimethylammonium) sulfate	149057647	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BISHYDROXYETHYL BISCETYL MALONAMIDE	N,N' DihexadecylN,N'bis(2hydroxyethyl)propanediamide; Bishydroxyethyl Biscetyl Malonamide	149591388	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BISPHENOL A	Bisphenol A (BPA)	80057	California Prop65 Chemical (female)	
BISPYRITHIONE	Bispyrithione	3696284	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BLACKCURRANT BUDS OIL	(R)pmntha1,8diene	5989275; 68606815	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BLEOMYCIN	Bleomycins	11056067	Possibly carcinogenic to humans' IARC (Category 2B, Volume 26, Sup 7 1987)	
BLEOMYCIN	Etoposide in combination with cisplatin and bleomycin	11056067	Carcinogenic to humans' IARC (Category 1, Volume 76, 100A 2012)	
BORANE, TRIETHYL-	Triethylborane	97949	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORANE, TRIETHYL-	Triethylborane	97949	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORANE, TRIETHYL-	Triethylborane	97949	Classified as 'fatal if inhaled' (GHS H330).	
BORATE(1-), TETRAFLUORO-, LEAD (2+)	Lead bis(tetrafluoroborate)	13814965	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORATE(1-), TETRAFLUORO-, LEAD (2+)	Lead bis(tetrafluoroborate)	13814965	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORATE(1-), TETRAFLUORO-, LEAD (2+)	Lead bis(tetrafluoroborate)	13814965	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BORATE(1-), TETRAFLUORO-, SODIUM	Sodium tetrafluoroborate	13755298	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORATE(1-), TETRAHYDRO-, SODIUM	Sodium tetrahydroborate	16940662	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORATE(1-), TETRAHYDRO-, SODIUM	Sodium tetrahydroborate	16940662	Classified as 'toxic in contact with skin' (GHS H311).	
BORATE(1-), TETRAHYDRO-, SODIUM	Sodium tetrahydroborate	16940662	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORATE(1-), TETRAHYDRO-, SODIUM	Sodium tetrahydroborate	16940662	Classified as 'fatal if inhaled' (GHS H330).	
BORATES	borates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
BORIC ACID	Boric acid	13460509	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORIC ACID, MONOSODIUM SALT	Sodium metaborate, anhydrous	7775191; 10555767	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BORIC ACID, MONOSODIUM SALT	BORIC ACID, MONOSODIUM SALT	7775191	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORIC ACID, SODIUM SALT, PENTAHYDRATE	BORIC ACID, SODIUM SALT, PENTAHYDRATE	12046752	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORIC ACID, TRIETHYL ESTER	Triethyl borate	150469	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BORINIC ACID, DIETHYL-, METHYL ESTER	methyl diethylborinate	7397468	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORON OXIDE	diboron trioxide; boric oxide	1303862	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BORON TRIBROMIDE	boron tribromide	10294334	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORON TRIBROMIDE	boron tribromide	10294334	Classified as 'fatal if inhaled' (GHS H330).	
BORON TRICHLORIDE	boron trichloride	10294345	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORON TRICHLORIDE	boron trichloride	10294345	Classified as 'fatal if inhaled' (GHS H330).	
BORON TRIFLUORIDE	boron trifluoride	692397; 7637072	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORON TRIFLUORIDE	boron trifluoride	692397; 7637072	Classified as 'fatal if inhaled' (GHS H330).	
BORON TRIFLUORIDE-DIMETHYL ETHER	Dimethyl etherboron trifluoride	353424	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BORON, (BENZENEMETHANAMINE)TRIFLUORO-, (T-4)-	(benzylamine)trifluoroboron	696991	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BOROXIN, TRIMETHOXY-	Triboron trimethyl hexaoxide	102249	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BOROXIN, TRIMETHOXY-	Triboron trimethyl hexaoxide	102249	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Branched alcohol ethoxylates	Branched Alcohol Ethoxylates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
BROMATE ION (BRO3(1-))	Bromate	15541454	California Proposition 65 listed for cancer	
BROMATE ION (BRO3(1-))	Bromate	15541454	EPA IRIS 'probable carcinogen'.	
BROMATE ION (BRO3(1-))	Bromate	15541454	EPA IRIS 'known/likely carcinogen'.	
BROMELAIN	Bromelain	9001007	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BROMINE	bromine	7726956	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BROMINE	bromine	7726956	Classified as 'fatal if inhaled' (GHS H330).	
BROMINE	bromine	7726956	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BROMINE	bromine	7726956	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BROMINE	Bromine, elemental	7726956	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BROMINE	Bromine, elemental	7726956	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMKAL 80	Octabromobiphenyl (under Polybrominated Biphenyls)	61288139	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BROMKAL 80	OCTABROMOBIPHENYL	61288139	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BROMO-D-CAMPHOR	3Bromo1,7,7-trimethylbicyclo[2.2.1]heptane-2-one	76299	Prohibited by the International Fragrance Association for use in fragrance.	
BROMOACETIC ACID	bromoacetic acid	79083	Classified as 'toxic in contact with skin' (GHS H311).	
BROMOACETIC ACID	bromoacetic acid	79083	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BROMOACETIC ACID	bromoacetic acid	79083	Classified as 'toxic if inhaled' (GHS H331).	
BROMOCRESOL GREEN	Phenol, 4,4' (3H2,1benzoxathio[3]ylidene)bis[2,6-dibromo-3-methyl, S,S-dioxide	76608	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
BROMOETHANE	Bromoethane	74964	California Proposition 65 listed for cancer	
BROMOETHANE	Bromoethane (Ethyl bromide)	74964	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOETHYLENE	bromoethylene	593602	Classified as 'may cause cancer' (GHS H350).	
BROMOETHYLENE	Bromoethylene (Vinyl bromide)	593602	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOETHYLENE	Vinyl bromide	593602	California Proposition 65 listed for cancer	
BROMOETHYLENE	Vinyl bromide	593602	Probably carcinogenic to humans' IARC (Category 2A, Volume 39, Sup 7, 71, 97 2008)	
BROMOETHYLENE	Vinyl Bromide (see Vinyl Halides [Selected])	593602	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BROMOETHYLENE	Vinyl bromide	593602	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
BROMOFORM	Bromoform	75252	California Proposition 65 listed for cancer	
BROMOFORM	Bromoform	75252	EPA IRIS 'probable carcinogen'.	
BROMOMETHANE	Bromomethane (Methyl bromide ISO)	74839	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOMETHANE	Methyl bromide, as a structural fumigant	74839	California Proposition 65 listed for developmental	
BROMOXYNIL AND ITS SALTS	Bromoxynil	1689845	California Proposition 65 listed for developmental	
BROMOXYNIL AND ITS SALTS	Bromoxynil (ISO) 3,5-Dibromo-4-hydroxybenzotrile [1] and Bromoxynil heptanoate (ISO) [2]	1689845; 56634958	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOXYNIL HEPTANOATE	Bromoxynil (ISO) 3,5-Dibromo-4-hydroxybenzotrile [1] and Bromoxynil heptanoate (ISO) [2]	1689845; 56634958	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOXYNIL OCTANOATE	2,6-Dibromo-4-cyanophenyl octanoate	1689992	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BROMOXYNIL OCTANOATE	Bromoxynil octanoate	1689992	California Proposition 65 listed for developmental	
BROMOSTYROL	Bromostyrene	103640	Prohibited by the International Fragrance Association for use in fragrance.	
BRUCINE	brucine	357573	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUT-2-YNE-1,4-DIOL	but2yne1,4diol	110656	Classified as 'toxic in contact with skin' (GHS H311).	
BUT-2-YNE-1,4-DIOL	but2yne1,4diol	110656	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUT-2-YNE-1,4-DIOL	but2yne1,4diol	110656	Classified as 'toxic if inhaled' (GHS H331).	
BUTADIENE	1,3-Butadiene	106990	California Proposition 65 listed for developmental, female, male	
BUTADIENE	1,3-Butadiene	106990	California Proposition 65 listed for cancer	
BUTADIENE	1,3-Butadiene	106990	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BUTADIENE	1,3Butadiene	106990	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BUTADIENE	1,3Butadiene	106990	EPA IRIS 'carcinogenic to humans'.	
BUTADIENE	1,3Butadiene	106990	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 54, 71, 97, 100F 2012)	
BUTADIENE	Buta 1,3diene, see also entries 464611	106990	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTADIENE	buta1,3diene	106990	Classified as 'may cause cancer' (GHS H350).	
BUTADIENE	buta1,3diene	106990	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BUTADIENE	buta1,3diene	106990	Classified as 'may cause genetic defects' (GHS H340).	
BUTADIENE	1,3Butadiene	106990	Listed on the 14th Report on Carcinogens as a known carcinogen	
BUTANE	Butane, if it contains = >0,1 % w/w Butadiene	106978	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTANE	Butane	106978	Prohibited aerosol propellant.	
BUTANE, (+)-1,2,3,4-DIEPOXY-	Diepoxybutane	1464535	California Proposition 65 listed for cancer	
BUTANE, (+)-1,2,3,4-DIEPOXY-	Diepoxybutane	1464535	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
BUTANE, (+)-1,2,3,4-DIEPOXY-	Diepoxybutane	1464535	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
Butane, 1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluoro-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
BUTANE, 1,1'-OXYLBIS(3-METHYL-	Diisopentyl ether	544014	Classified as 'toxic if inhaled' (GHS H331).	
BUTANE, 1,4-DIBROMO-	1,4dibromobutane	110521	Classified as 'suspected of causing genetic defects' (GHS H341).	
BUTANE, 2-BROMO-	2Bromobutane	78762	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTANE, 2-METHOXY-2-METHYL-	(2E)4methoxypent2ene; (2Z)4methoxypent2ene; 2methoxy2methylbutane	9940508	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BUTANE, 2-METHOXY-2-METHYL-	2methoxy2methylbutane	994058	Classified as 'toxic if inhaled' (GHS H331).	
BUTANE, 2-METHOXY-2-METHYL-	2methoxy2methylbutane	994058	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BUTANE, 2,3-EPOXY-	2,3epoxybutane	3266237	Classified as 'suspected of causing cancer' (GHS H351).	
BUTANEDIOIC ACID, OXO-	Oxalacetic acid	328427	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTANENITRILE, 2-HYDROXY-4-(METHYLTHIO)-	2hydroxy4(methylthio)butyronitrile	17773410	Classified as 'fatal if inhaled' (GHS H330).	
BUTANOIC ACID, 2-ETHYL-2-METHYL-, 2-METHYLPROPYL ESTER	2methylpropyl 2ethyl2methylbutanoate	96723998	Classified as 'fatal in contact with skin' (GHS H310).	
BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8A-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY-6-)	(1S,3R,7S,8S,8aR)8[(2R,4R)4hydroxy6oxooxan2yl]ethyl]3,7dimethyl1,2,3,7,8,8ahexahydronaphthalen1yl (2S)2methylbutanoate	75330755	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8A-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY-6-)	Lovastatin	75330755	California Proposition 65 listed for developmental	
BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8A-HEXAHYDRO-7-METHYL-8-(2-(TETRAHYDRO-4-HYDROXY-6-OXO-2H-	(1S,7S,8S,8aR)8[(2R,4R)4hydroxy6oxooxan2yl]ethyl]7methyl1,2,3,7,8,8ahexahydronaphthalen1yl (2S)2methylbutanoate	73573883	Classified as 'suspected of causing cancer' (GHS H351).	
BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8A-HEXAHYDRO-7-METHYL-8-(2-(TETRAHYDRO-4-HYDROXY-6-OXO-2H-	(1S,7S,8S,8aR)8[(2R,4R)4hydroxy6oxooxan2yl]ethyl]7methyl1,2,3,7,8,8ahexahydronaphthalen1yl (2S)2methylbutanoate	73573883	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BUTANOIC ACID, 2-METHYL-, 1,2,3,7,8,8A-HEXAHYDRO-7-METHYL-8-(2-(TETRAHYDRO-4-HYDROXY-6-OXO-2H-	(1S,7S,8S,8aR)8[(2R,4R)4hydroxy6oxooxan2yl]ethyl]7methyl1,2,3,7,8,8ahexahydronaphthalen1yl (2S)2methylbutanoate	73573883	Classified as 'may cause harm to breastfed children' (GHS H362).	
BUTANOIC ACID, 2,2-DIMETHYL-, 1,2,3,7,8,8A-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY-	ammonium 7(2,6dimethyl8(2,2dimethylbutyryloxy)1,2,6,7,8,8ahexahydro1naphthyl)3,5dihydroxyheptanoate	79902639	Classified as 'suspected of causing cancer' (GHS H351).	
BUTANOIC ACID, 2,2-DIMETHYL-, 1,2,3,7,8,8A-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY-	ammonium 7(2,6dimethyl8(2,2dimethylbutyryloxy)1,2,6,7,8,8ahexahydro1naphthyl)3,5dihydroxyheptanoate	79902639	Classified as 'may damage fertility or the unborn child' (GHS H360).	
BUTANOIC ACID, 2,2-DIMETHYL-, 1,2,3,7,8,8A-HEXAHYDRO-3,7-DIMETHYL-8-(2-(TETRAHYDRO-4-HYDROXY-	ammonium 7(2,6dimethyl8(2,2dimethylbutyryloxy)1,2,6,7,8,8ahexahydro1naphthyl)3,5dihydroxyheptanoate	79902639	Classified as 'may cause harm to breastfed children' (GHS H362).	
BUTANOIC ACID, 2,2-DIMETHYL-, 3-(2,4-DICHLOROPHENYL)-2-OXO-1-OXASPIRO(4.5)DEC-3-EN-4-YL ESTER	Spiroclufen	148477718	California Proposition 65 listed for cancer	
BUTANOIC ACID, 4,4'-DIOXYBIS(4-OXO-	4,4'dioxo4,4'dioxydibutyric acid	123239	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTANOYL CHLORIDE, 4-CHLORO-	4chlorobutyryl chloride	4635590	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTANOYL CHLORIDE, 4-CHLORO-	4chlorobutyryl chloride	4635590	Classified as 'fatal if inhaled' (GHS H330).	
BUTENOIC ACID, 2-((3-NITROPHENYL)METHYLENE)-3-OXO-, 2-METHOXYETHYL ESTER	2methoxyethyl 2((3nitrophenyl)methylene)acetate	39562226	Classified as 'fatal if inhaled' (GHS H330).	
BUTENOIC ACID, 2-((3-NITROPHENYL)METHYLENE)-3-OXO-, 2-METHOXYETHYL ESTER	2methoxyethyl 2((3nitrophenyl)methylene)acetate	39562226	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BUTOXYDIGLYCOL	butoxyglycol/diethylene glycol monoNbutyl ether	112345	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
BUTOXYETHYL ACETATE	BUTOXYETHYL ACETATE	112072	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
BUTYL ACETATE	nbutyl acetate	123864	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BUTYL ACRYLATE/C6-14 PERFLUOROALKYLETHYL ACRYLATE/MERCAPTOPROPYL DIMETHICONE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
BUTYL BENZYL PHTHALATE	BENZYL BUTYL PHTHALATE	85687	Phthalates are endocrine disrupting compounds.	
BUTYL BENZYL PHTHALATE	BENZYL BUTYL PHTHALATE	85687	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BUTYL BENZYL PHTHALATE	benzyl butyl phthalate (BBP)	85687	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYL BENZYL PHTHALATE	Butyl benzyl phthalate	85687	EWG F scoring ingredient under any condition of use.	
BUTYL BENZYL PHTHALATE	Butyl benzyl phthalate (BBP)	85687	EPA IRIS 'possible carcinogen'.	
BUTYL BENZYL PHTHALATE	Butyl benzyl phthalate (BBP)d	85687	California Proposition 65 listed for developmental	
BUTYL BENZYL PHTHALATE	Butylbenzylphthalate (BBP)	85687	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BUTYL CHLOROFORMATE	butyl chloroformate	592347	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYL CHLOROFORMATE	butyl chloroformate	592347	Classified as 'fatal if inhaled' (GHS H330).	
BUTYL CHLOROFORMATE	butyl chloroformate	592347	Classified as 'toxic if inhaled' (GHS H331).	
Butyl Cyclohexyl Phthalate	Butyl Cyclohexyl Phthalate	84640	Phthalates are endocrine disrupting chemicals.	
BUTYL GLYCIDYL ETHER	Butyl glycidyl ether	192337	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYL GLYCIDYL ETHER	1Butyl glycidyl ether	24260806	Listed as an IARC Group 2B Carcinogen	
butyl methacrylate	butyl methacrylate	97-88-1	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
BUTYL NITRITE	butyl nitrite	544161	Classified as 'toxic if inhaled' (GHS H331).	
BUTYLAMINE	butylamine	109739	Classified as 'toxic in contact with skin' (GHS H311).	
BUTYLAMINE	butylamine	109739	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYLAMINE	butylamine	109739	Classified as 'fatal if inhaled' (GHS H330).	
BUTYLAMINE	butylamine	109739	Classified as 'toxic if inhaled' (GHS H331).	
BUTYLAMINE, BIS(1,3-DIMETHYL)-	1,1,3,3-tetramethylbutylamine	107459	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYLAMINE, N-ETHYL-	Butyl(ethyl)amine	13360639	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylbutylamine	7068839	California Proposition 65 listed for cancer	
BUTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylbutylamine	7068839	California Prop65 Chemical (cancer)	
BUTYLENE/ETHYLENE/STYRENE COPOLYMER	butylene/ethylene/styrene copolymer		Nonbiodegradable microplastic and wipe/sheet ingredients.	
BUTYLETHANOLAMINE	2butylaminoethanol	111751	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYL PARABEN	nButyl pHydroxybenzoate	94268	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
BUTYLPHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	98544	Classified as 'toxic in contact with skin' (GHS H311).	
BUTYLPHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	98544	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYLPHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	98544	Classified as 'toxic if inhaled' (GHS H331).	
BUTYLPHENOL	4 tertButylphenol	98544	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYLPHENOL	4tertButylphenol	98544	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BUTYLPHENOL	4tertButylphenol	98544	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYLPHENOL	4tertButylphenol	98544	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BUTYLPHENOL	ptertButylphenol	98544	Prohibited by the International Fragrance Association for use in fragrance.	
BUTYRIC ACID	butyric acid	107926	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYRIC ACID, 2-ETHYL-2-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER	Oxeladin	468611	Classified as 'toxic in contact with skin' (GHS H311).	
BUTYRIC ACID, 2-ETHYL-2-PHENYL-, 2-(2-(DIETHYLAMINO)ETHOXY)ETHYL ESTER	Oxeladin	468611	Classified as 'toxic if inhaled' (GHS H331).	
BUTYRIC ACID, 4-(P-BIS(2-CHLOROETHYL)AMINOPHENYL)-	Chlorambucil	305033	California Proposition 65 listed for cancer	
BUTYRIC ACID, 4-(P-BIS(2-CHLOROETHYL)AMINOPHENYL)-	Chlorambucil	305033	California Proposition 65 listed for developmental	
BUTYRIC ACID, 4-(P-BIS(2-CHLOROETHYL)AMINOPHENYL)-	Chlorambucil	305033	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
BUTYRIC ACID, 4-(P-BIS(2-CHLOROETHYL)AMINOPHENYL)-	Chlorambucil	305033	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
BUTYRIC ACID, 4-(P-BIS(2-CHLOROETHYL)AMINOPHENYL)-	Chlorambucil	305033	Listed on the 14th Report on Carcinogens as a known carcinogen	
BUTYRIC ANHYDRIDE	Butyric anhydride	106310	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYROLACTONE	_butyrolactone	96480	Classified as 'toxic if inhaled' (GHS H331).	
BUTYROLACTONE	_butyrolactone	96480	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
BUTYRONITRILE, 2-AMINO-2,3-DIMETHYL-	2Amino2,3dimethylbutanenitrile	13893533	Classified as 'fatal in contact with skin' (GHS H310).	
BUTYRONITRILE, 2-AMINO-2,3-DIMETHYL-	2Amino2,3dimethylbutanenitrile	13893533	Classified as 'fatal if inhaled' (GHS H330).	
BUTYRONITRILE, 2-AMINO-2,3-DIMETHYL-	2Amino2,3dimethylbutanenitrile	13893533	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
BUTYRONITRILE, 2-METHYL-	2methylbutyronitrile	18936179	Classified as 'fatal in contact with skin' (GHS H310).	
BUTYRONITRILE, 2-METHYL-	2methylbutyronitrile	18936179	Classified as 'toxic in contact with skin' (GHS H311).	
BUTYRONITRILE, 2-METHYL-	2methylbutyronitrile	18936179	Classified as 'fatal if inhaled' (GHS H330).	
BUTYRONITRILE, 2-METHYL-	2methylbutyronitrile	18936179	Classified as 'toxic if inhaled' (GHS H331).	
BUTYROPHENONE, 4-(4-(P-CHLOROPHENYL)-4-HYDROXYPIPERIDINO)-4'-FLUORO-	Haloperidol	52868	California Proposition 65 listed for developmental, female	
BUTYROPHENONE, 4-(4-(P-CHLOROPHENYL)-4-HYDROXYPIPERIDINO)-4'-FLUORO-	Haloperidol	52868	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BUTYROPHENONE, 4-(4-(P-CHLOROPHENYL)-4-HYDROXYPIPERIDINO)-4'-FLUORO-	Haloperidol (INN)	52868	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYROPHENONE, 4'-FLUORO-4-(4-(O-METHOXYPHENYL)-1-PIPERAZINYL)-	Fluanisone	1480199	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BUTYROPHENONE, 4'-FLUORO-4-(4-(O-METHOXYPHENYL)-1-PIPERAZINYL)-	Fluanisone (INN)	1480199	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYROPHENONE, 4'-FLUORO-4-(4-HYDROXY-4-(ALPHA,ALPHA,ALPHA-TRIFLUORO-M-TOLYL)PIPERIDINO)-	Trifluperidol	749133	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
BUTYROPHENONE, 4'-FLUORO-4-(4-HYDROXY-4-(ALPHA,ALPHA,ALPHA-TRIFLUORO-M-TOLYL)PIPERIDINO)-	Trifluperidol (INN)	749133	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
BUTYRYL CHLORIDE	butyryl chloride	141753	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
BUTYRYL CHLORIDE	butyryl chloride	141753	Classified as 'toxic if inhaled' (GHS H331).	
C,C'-AZODI(FORMAMIDE)	Azodicarbamide	123773	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
C,C'-AZODI(FORMAMIDE)	C,C'azodi(formamide)	123773	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
C,C'-AZODI(FORMAMIDE)	Azodicarbamide	123773	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
C.I. ACID BLUE 185	C.I. ACID BLUE 185	12234649	Non FDA approved colorant.	
C.I. PIGMENT BLACK 30	Nickel Compounds	71631157	Listed on the 14th Report on Carcinogens as a known carcinogen	
C.I. PIGMENT BROWN 34	Nickel Compounds	68187100	Listed on the 14th Report on Carcinogens as a known carcinogen	
C.I. PIGMENT RED 108	Cadmium Compounds	58339347	Listed on the 14th Report on Carcinogens as a known carcinogen	
C.I. Pigment Violet 75	C.I. Pigment Violet 75	12239133	Non FDA approved colorant.	
C.I. PIGMENT YELLOW 36	Levafix Brilliant Yellow E36	37300235	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
C.I. PIGMENT YELLOW 36	Levafix Brilliant Yellow E36	37300235	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
C.I. REACTIVE YELLOW 39	Lanasol Yellow 4G	70247700	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
C.I. REACTIVE YELLOW 39	Lanasol Yellow 4G	70247700	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
C.I. SOLVENT YELLOW 14	1phenylazo2naphthol	842079	Classified as 'suspected of causing genetic defects' (GHS H341).	
C.I. SOLVENT YELLOW 14	1phenylazo2naphthol	842079	Classified as 'suspected of causing cancer' (GHS H351).	
C.I. SOLVENT YELLOW 14	C.I. Solvent Yellow 14	842079	California Proposition 65 listed for cancer	
C.I. SOLVENT YELLOW 14	CI Solvent Yellow 14	842079	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
C10-11 AROMATIC HYDROCARBONS	Hydrocarbons, C1013, aromatics, > 1% naphthalene; Hydrocarbons, C10C13, aromatics, >1% naphthalene; Not Applicable; Solvent naphtha (petroleum) *heavy aromatic; Solvent naphtha (petroleum), heavy arom.; Hydrocarbons, C10C13, aromatics, >1% naphthal	64742945	Classified as 'suspected of causing cancer' (GHS H351).	
C10-11 AROMATIC HYDROCARBONS	Solvent naphtha (petroleum), heavy arom.	64742945	Classified as 'may cause drowsiness or dizziness' (GHS H336).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
C10-12 ALKANE/CYCLOALKANE	DS 150/200; Hydrocarbons, C9C11, isoalkanes, cyclics,; HYDROCARBONS, C9C11, NALKANES, ISOALKANES, CYCLICS,; Hydrocarbons, C9C11, nalkanes, isoalkanes, cyclics,; Hydrocarbons, C9C11, nalkanes, isoalkanes, cyclics,; Not Applicable; Hydrocarbons,	64742489; 1174522203	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C10-12 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated heavy	64742489	Classified as 'may cause cancer' (GHS H350).	
C10-12 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated heavy	64742489	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
C10-12 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated heavy	64742489	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C10-12 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated heavy	64742489	Classified as 'may cause genetic defects' (GHS H340).	
C10-13 ISOPARAFFIN	Alkanes, C1013iso	68551177	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE	C1040 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
C12-13 ALCOHOLS	Alcohols, C1213	75782864	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
C12-14 ISOPARAFFIN	C1214 ISOPARAFFIN	68551199	Asimilar compound is classified as 'may cause drowsiness or dizziness' (GHS H336) and 'may cause respiratory irritation' (GHS H335).	
C12-14-TERT-ALKYLAMINE, METHYLPHOSPHONIC ACID SALT	(C12C14)tertalkylammonium methylphosphonate	119415075	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
C12-20 ISOPARAFFIN	C1220 ISOPARAFFIN	64742467	EWG F scoring ingredient under any condition of use.	
C12-20 ISOPARAFFIN	Distillates (petroleum), hydrotreated middle	8042475; 64742467; 72623860; 97862823	Classified as 'may cause cancer' (GHS H350).	
C12-20 ISOPARAFFIN	Distillates (petroleum), hydrotreated middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	64742467	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
C13-14 ISOPARAFFIN	C1314 ISOPARAFFIN	64365066	Asimilar compound is classified as 'may cause drowsiness or dizziness' (GHS H336) and 'may cause respiratory irritation' (GHS H335).	
C13-16 ISOPARAFFIN	C1316 ISOPARAFFIN	68551202	Asimilar compound is classified as 'may cause drowsiness or dizziness' (GHS H336) and 'may cause respiratory irritation' (GHS H335).	
C14-15 ALCOHOLS	pentadecan1ol; tetradecan1ol	75782875	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
C18-70 ISOPARAFFIN	C1870 ISOPARAFFIN	70913869	Asimilar compound is classified as 'may cause drowsiness or dizziness' (GHS H336) and 'may cause respiratory irritation' (GHS H335).	
C4-18 PERFLUOROALKYLETHYL THIOHYDROXYPROPYLTRIMONIUM CHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
C6-14 PERFLUOROALKYLETHYL ACRYLATE/HEMA COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
C8-10 ALKANE/CYCLOALKANE/AROMATIC HYDROCARBONS	Hydrocarbons, C9C12, nalkanes, isoalkanes, cyclics, aromatics (225%); Hydrocarbons, C9C12, nalkanes, isoalkanes, cyclics, aromatics (225%) DOW BENELUX B.V OR10; Mineral Spirit 66; Not Applicable; white spirits; WS 150/200; Hydrocarbons, C9C12,	64742821	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C8-10 ALKANE/CYCLOALKANE/AROMATIC HYDROCARBONS	Naphtha (petroleum), hydrodesulfurized heavy	64742821	Classified as 'may cause cancer' (GHS H350).	
C8-10 ALKANE/CYCLOALKANE/AROMATIC HYDROCARBONS	Naphtha (petroleum), hydrodesulfurized heavy	64742821	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
C8-10 ALKANE/CYCLOALKANE/AROMATIC HYDROCARBONS	Naphtha (petroleum), hydrodesulfurized heavy	64742821	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C8-10 ALKANE/CYCLOALKANE/AROMATIC HYDROCARBONS	Naphtha (petroleum), hydrodesulfurized heavy	64742821	Classified as 'may cause genetic defects' (GHS H340).	
C8-18 PERFLUOROALKYLETHYL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
C8-9 ALKANE/CYCLOALKANE	Hydrocarbons, C6, isoalkanes,; Isohexane; Not applicable; Not Applicable	64742490	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C8-9 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated light	64742490	Classified as 'may cause cancer' (GHS H350).	
C8-9 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated light	64742490	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
C8-9 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated light	64742490	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C8-9 ALKANE/CYCLOALKANE	Naphtha (petroleum), hydrotreated light	64742490	Classified as 'may cause genetic defects' (GHS H340).	
C9-10 AROMATIC HYDROCARBONS	1,3,5trimethylbenzene; 1ethyl4methylbenzene; prop1en2ylbenzene; propan2ylbenzene; propylbenzene	64742956	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C9-10 AROMATIC HYDROCARBONS	Solvent naphtha (petroleum), light arom.	64742956	Classified as 'may cause cancer' (GHS H350).	
C9-10 AROMATIC HYDROCARBONS	Solvent naphtha (petroleum), light arom.	64742956	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
C9-10 AROMATIC HYDROCARBONS	Solvent naphtha (petroleum), light arom.	64742956	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
C9-10 AROMATIC HYDROCARBONS	Solvent naphtha (petroleum), light arom.	64742956	Classified as 'may cause genetic defects' (GHS H340).	
C9-15 FLUOROALCOHOL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CADE OIL	Cade oil Juniperus oxycedrus L. (Crude)	8013103; 90046029	Prohibited by the International Fragrance Association for use in fragrance.	
CADMIUM	Cadmium	7440439	EPA IRIS 'probable carcinogen'.	
CADMIUM	Cadmium	7440439	Classified as 'suspected of causing genetic defects' (GHS H341).	
CADMIUM	Cadmium	7440439	Classified as 'may cause cancer' (GHS H350).	
CADMIUM	Cadmium	7440439	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CADMIUM	Cadmium	7440439	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM	Cadmium	7440439	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM	Cadmium (see Cadmium and Cadmium Compounds)	7440439	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
CADMIUM	Cadmium and cadmium compounds	7440439	Carcinogenic to humans' IARC (Category 1, Volume 58, 100C 2012)	
CADMIUM	Cadmium and its compounds	7440439	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CADMIUM	Cadmium	7440439	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM	Cadmium Compounds	7440439	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM ALLOY, CD,CU	Cadmium Compounds	12685299	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM BROMIDE	Cadmium Compounds	7789426	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM CHLORIDE	cadmium chloride	10108642	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CADMIUM CHLORIDE	cadmium chloride	10108642; 35658652	Classified as 'may cause cancer' (GHS H350).	
CADMIUM CHLORIDE	cadmium chloride	10108642; 35658652	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM CHLORIDE	cadmium chloride	10108642; 35658652	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM CHLORIDE	cadmium chloride	10108642; 35658652	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM CHLORIDE	Cadmium Compounds	10108642	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM CHLORIDE, DIHYDRATE	Cadmium Compounds	72589969	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM CHLORIDE, HYDRATE (2.5)	Cadmium Compounds	7790785	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM CHLORIDE, MONOHYDRATE	cadmium chloride	10108642; 35658652	Classified as 'may cause cancer' (GHS H350).	
CADMIUM CHLORIDE, MONOHYDRATE	cadmium chloride	10108642; 35658652	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM CHLORIDE, MONOHYDRATE	cadmium chloride	10108642; 35658652	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM CHLORIDE, MONOHYDRATE	cadmium chloride	10108642; 35658652	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM CHLORIDE, MONOHYDRATE	Cadmium Compounds	35658652	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	542836	California Prop65 Chemical (male)	
CADMIUM CYANIDE	Cadmium Compounds	542836	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM DIFORMATE	Cadmium Compounds	4464237	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM FLUOBORATE	Cadmium Compounds	14486192	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM FLUORIDE	Cadmium Compounds	7790796	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM HYDROXIDE	Cadmium hydroxide	21041952	Classified as 'suspected of causing genetic defects' (GHS H341).	
CADMIUM HYDROXIDE	Cadmium hydroxide	21041952	Classified as 'may cause cancer' (GHS H350).	
CADMIUM HYDROXIDE	Cadmium hydroxide	21041952	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CADMIUM HYDROXIDE	Cadmium hydroxide	21041952	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM HYDROXIDE	Cadmium hydroxide	21041952	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM HYDROXIDE	Cadmium Compounds	21041952	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM IODIDE	Cadmium Compounds	7790809	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM LACTATE	Cadmium Compounds	16039557	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM MERCURY TELLURIDE	Cadmium Compounds	29870722	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM NITRATE	CADMIUM NITRATE	10022681; 10325947	Classified as 'may cause cancer' (GHS H350).	
CADMIUM NITRATE	CADMIUM NITRATE	10022681; 10325947	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CADMIUM NITRATE	CADMIUM NITRATE	10022681; 10325947	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM NITRATE	CADMIUM NITRATE	10022681; 10325947	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM NITRATE	CADMIUM NITRATE	10022681; 10325947	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM NITRATE	Cadmium Compounds	10325947	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM OXIDE	CADMIUM OXIDE	1306190	Classified as 'suspected of causing genetic defects' (GHS H341).	
CADMIUM OXIDE	CADMIUM OXIDE	1306190	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CADMIUM OXIDE	CADMIUM OXIDE	1306190	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM OXIDE	CADMIUM OXIDE	1306190	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM OXIDE	Cadmium Compounds	1306190	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM PHOSPHATE	Cadmium Compounds	13477173	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SELENIDE	Cadmium selenide	1306247	Classified as 'toxic if inhaled' (GHS H331).	
CADMIUM SELENIDE	Cadmium selenide	1306247	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM SELENIDE	Cadmium Compounds	12400338	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SELENIDE SULFIDE	Cadmium Compounds	12626367	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULFATE (1:1) HYDRATE (3:8)	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'may cause cancer' (GHS H350).	
CADMIUM SULFATE (1:1) HYDRATE (3:8)	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM SULFATE (1:1) HYDRATE (3:8)	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM SULFATE (1:1) HYDRATE (3:8)	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM SULFATE (1:1) HYDRATE (3:8)	Cadmium Compounds	7790843	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULFATE, HYDRATE	Cadmium Compounds	13477208	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULFATE, TETRAHYDRATE	Cadmium Compounds	13477219	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULFIDE MIXED WITH ZINC SULFIDE (1:1)	Cadmium Compounds	62865263	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULFIDE MIXED WITH ZINC SULFIDE (8:92)	Cadmium Compounds	636610502	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULPHATE	cadmium sulphate	10124364	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CADMIUM SULPHATE	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'may cause cancer' (GHS H350).	
CADMIUM SULPHATE	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM SULPHATE	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM SULPHATE	cadmium sulphate	7790843; 10124364; 31119536	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM SULPHATE	Cadmium Compounds	10124364	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM SULPHIDE	cadmium sulphide	1306236	Classified as 'suspected of causing genetic defects' (GHS H341).	
CADMIUM SULPHIDE	cadmium sulphide	1306236	Classified as 'may cause cancer' (GHS H350).	
CADMIUM SULPHIDE	cadmium sulphide	1306236	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM SULPHIDE	Cadmium Compounds	1306236	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM TELLURIDE	Cadmium telluride	1306258	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM TELLURIDE	Cadmium Compounds	1306258	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM-THIONEIN	Cadmium Compounds	73419428	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, AMMINE(BENZENECARBOETHIOIC ACID ((2-HYDROXYPHENYL)METHYLENE)HYDRAZIDATO(2-))-,(T-4)-	Cadmium Compounds	132773069	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, BIS(1-HYDROXY-2(1H)-PYRIDINETHIONATO)-	Cadmium Compounds	18897364	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, BIS(DIETHYLDITHIOCARBAMATO)-	Cadmium Compounds	14239680	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, BIS(PENTYLDITHIOCARBAMATO)-	Cadmium Compounds	20246699	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, BIS(SALICYLATO)-	Cadmium Compounds	19010798	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, DIMETHYL-	Cadmium Compounds	506821	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM, ION (CD2+)	Cadmium Compounds	22537480	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM(II) ACETATE	Cadmium Compounds	543908	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	CADMIUM NITRATE	10022681; 10325947	Classified as 'may cause cancer' (GHS H350).	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	CADMIUM NITRATE	10022681; 10325947	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	CADMIUM NITRATE	10022681; 10325947	Classified as 'fatal if inhaled' (GHS H330).	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	CADMIUM NITRATE	10022681; 10325947	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	CADMIUM NITRATE	10022681; 10325947	Classified as 'may cause genetic defects' (GHS H340).	
CADMIUM(II) NITRATE, TETRAHYDRATE (1:2:4)	Cadmium Compounds	10022681	Listed on the 14th Report on Carcinogens as a known carcinogen	
CADMIUMHEXAFLUOROSILICATE(2-)	Cadmium Compounds	17010218	Listed on the 14th Report on Carcinogens as a known carcinogen	
CAFFEIC ACID	Caffeic acid	331395	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CAFFEIC ACID	Caffeic acid	331395	Possibly carcinogenic to humans' IARC (Category 2B, Volume 56 1993)	
CALCIUM ALUMINUM BOROSILICATE	Glass, oxide, chemicals	65997173;142844006	Classified as 'may cause cancer' (GHS H350).	
CALCIUM ALUMINUM BOROSILICATE	Glass, oxide, chemicals	65997173;142844006	Classified as 'suspected of causing cancer' (GHS H351).	
CALCIUM BORATE	Calcium tetraborate	12007566	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CALCIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	5920108	California Prop65 Chemical (male)	
CALCIUM HYPOCHLORITE	calcium hypochlorite	7778543	EWG F scoring ingredient under any condition of use.	
CALCIUM HYPOCHLORITE	calcium hypochlorite	7778543	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CALCIUM HYPOCHLORITE	calcium hypochlorite	7778543	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CALCIUM MOLYBDATE	Calcium molybdate	7789824	Classified as 'suspected of causing cancer' (GHS H351).	
CALCIUM MOLYBDATE	Calcium molybdate	7789824	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CALCIUM OXIDE	Calcium oxide	1305788	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CALCIUM PROPIONATE	Calcium dipropionate	4075814	Classified as 'toxic in contact with skin' (GHS H311).	
CANNABINOL	Cannabis, as defined in subsection 2(1) of the Cannabis Act (see the Cannabis Exemption (Food and Drugs Act) Regulations for details)	13956291; 521357; 1972083	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CAPROIC ACID	Hexanoic acid	142621	Classified as 'toxic in contact with skin' (GHS H311).	
CAPROIC ACID	Hexanoic acid	142621	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CAPRYLYL HYDROXYETHYL IMIDAZOLINE	2heptyl4,5dihydro1Himidazole1ethanol	36060614	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CAPRYLYL HYDROXYETHYL IMIDAZOLINE	2heptyl4,5dihydro1Himidazole1ethanol	36060614	Classified as 'may cause harm to breastfed children' (GHS H362).	
CAPRYLYL HYDROXYETHYL IMIDAZOLINE	2heptyl4,5dihydro1Himidazole1ethanol	36060614	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CAPRYLYL HYDROXYETHYL IMIDAZOLINE	2heptyl4,5dihydro1Himidazole1ethanol	36060614	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CAPRYLYL PYRROLIDONE	N(noctyl)2pyrrolidinone	2687947	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CAPTAFOL	Captafol	2425061	California Proposition 65 listed for cancer	
CAPTAFOL	Captafol	191906	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CAPTAFOL	Captafol	2425061	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CAPTAFOL	Captafol	24250601	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CAPTAFOL	Captafol	2425061	Probably carcinogenic to humans' IARC (Category 2A, Volume 53 1991)	
CAPTAFOL	Captafol	24250601	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CAPTAFOL	Captafol	2425061	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CAPTAN	Captan	133062	California Proposition 65 listed for cancer	
CAPTAN	Captan	133062	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CAPTAN	Captan	133062	Classified as 'suspected of causing cancer' (GHS H351).	
CAPTAN	Captan	133062	Classified as 'toxic if inhaled' (GHS H331).	
CAPTAN	captan (ISO); 1,2,3,6 tetrahydroN(trichloromethylthio)phthalimide	133062	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARABAMIC CHLORIDE, DIPHENYL-	Diphenylcarbamoil chloride	83012	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBADOX	Carbadox	1791337	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBAMIC ACID, ((1S)-2-METHYL-1-(((1-(4-METHYLPHENYL)ETHYL)AMINO)CARBONYL)PROPYL)-, 1-	Iprovalicarb	140923177; 140923257	California Proposition 65 listed for cancer	
CARBAMIC ACID, ((1S)-2-METHYL-1-(((1-(4-METHYLPHENYL)ETHYL)AMINO)CARBONYL)PROPYL)-, 1-	CARBAMIC ACID, ((1S)-2-METHYL-1-(((1-(4-METHYLPHENYL)ETHYL)AMINO)CARBONYL)PROPYL)-, 1-	140923177	Europe prohibits this ingredient in cosmetics	
CARBAMIC ACID, ((S)-1-(((1R)-1-(6-FLUORO-2-BENZOTHAZOLYL)ETHYL)AMINO)CARBONYL)-2-	Benthiaivalicarisopropyl	177406687	California Proposition 65 listed for cancer	
CARBAMIC ACID, (3-ISOCYANATOMETHYLPHENYL)-, 2-ETHYLHEXYL ESTER	2ethylhexyl (3isocyanatomethylphenyl)carbamate	54634945	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CARBAMIC ACID, 1-(2-PROPYNYL)CYCLOHEXYL ESTER	Hexapropymate	358521	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBAMIC ACID, 1-(2-PROPYNYL)CYCLOHEXYL ESTER	Hexapropymate (INN)	358521	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CARBAMIC ACID, DIBUTYLDITHIO-, SODIUM SALT	SODIUM DIBUTYLDITHIOCARBAMATE	136301	Classified as 'toxic in contact with skin' (GHS H311).	
CARBAMIC ACID, DIBUTYLDITHIO-, SODIUM SALT	SODIUM DIBUTYLDITHIOCARBAMATE	136301	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBAMIC ACID, DIMETHYLDITHIO-, COPPER(II) SALT	Copper bis(dimethylthiocarbamate)	137291	Classified as 'fatal if inhaled' (GHS H330).	
CARBAMIC ACID, DIMETHYLDITHIO-, POTASSIUM SALT, HYDRATE	Potassium dimethylthiocarbamate	128030	California Proposition 65 listed for developmental	
CARBAMIC ACID, ETHYLENEBIS(DITHIO-, NICKEL(II) SALT	Nickel Compounds	12275137	Listed on the 14th Report on Carcinogens as a known carcinogen	
CARBAMIC ACID, ISOPROPYL-, 2-(HYDROXYMETHYL)-2-METHYLPENTYL ESTER CARBAMATE (ESTER)	Carisoprodol	78444	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBAMIC ACID, ISOPROPYL-, 2-(HYDROXYMETHYL)-2-METHYLPENTYL ESTER CARBAMATE (ESTER)	Carisoprodol (INN)	78444	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBAMIC ACID, METHYL ESTER	Methyl carbamate	598550	California Proposition 65 listed for cancer	
CARBAMIC ACID, METHYL ESTER	Methyl carbamate	598550	Classified as 'suspected of causing cancer' (GHS H351).	
CARBAMIC ACID, N-(5-BENZOYL BENZIMIDAZOL-2-YL)-, METHYL ESTER	Mebendazole	31431397	California Proposition 65 listed for developmental	
CARBAMIC ACID, N-METHYL-N-NITROSO-, ETHYL ESTER	<i>N</i>-Methyl<i>N</i>-nitrosourethane	615532	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7 1987)	
CARBAMIC ACID, N-METHYL-N-NITROSO-, ETHYL ESTER	NNitrosoNmethylethane	615532	California Proposition 65 listed for cancer	
CARBAMODITHIOIC ACID, CYANO-, DISODIUM SALT	Disodium cyanodithioimidocarbonate	138932	California Proposition 65 listed for developmental	
CARBAMODITHIOIC ACID, DIMETHYL-, SODIUM SALT	Sodium dimethylthiocarbamate	128041	California Proposition 65 listed for developmental	
CARBAMODITHIOIC ACID, DIMETHYL-, SODIUM SALT	Sodium dimethylthiocarbamate	128041	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBANILIDE, 3,3'-DI-2-IMIDAZOLIN-2-YL-	Imidocarb	27885923	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CARBANILIDE, THIO-	1,3DIPHENYL2THIOUREA	102089	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CARBARYL	Carbaryl	63252	California Proposition 65 listed for cancer	
CARBARYL	Carbaryl	63252	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CARBARYL	Carbaryl (ISO)	63252	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBARYL	Carbaryl [Basis for listing changed effective December 27, 2013]	63252	California Proposition 65 listed for developmental, female, male	
CARBAZOLE	Carbazole	86748	California Proposition 65 listed for cancer	
CARBAZOLE	Carbazole	86748	Classified as 'suspected of causing genetic defects' (GHS H341).	
CARBAZOLE	Carbazole	86748	Classified as 'suspected of causing cancer' (GHS H351).	
CARBAZOLE	Carbazole	86748	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBAZOLE	Carbazole	86748	Possibly carcinogenic to humans' IARC (Category 2B, Volume 32, Sup 7, 71, 103 2013)	
CARBAZOLE	Carbazole, nitroderivatives of	86748	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBAZOLE	Carbazole	86748	Listed as an IARC Group 2B Carcinogen	
CARBAZOLE, 3-AMINO-9-ETHYL-, HYDROCHLORIDE	3Amino9ethylcarbazole hydrochloride	6109973	California Proposition 65 listed for cancer	
CARBENDAZIM	Carbendazim	10605217	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBODIIMIDE, (3-DIMETHYLAMINOPROPYL)ETHYL-, MONOHYDROCHLORIDE	N'(ethylcarbonimidoyl)N,Ndimethylpropane1,3diamine monohydrochloride	25952538	Classified as 'toxic in contact with skin' (GHS H311).	
CARBODIIMIDE, (3-DIMETHYLAMINOPROPYL)ETHYL-, MONOHYDROCHLORIDE	N'(ethylcarbonimidoyl)N,Ndimethylpropane1,3diamine monohydrochloride	25952538	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBODIIMIDE, DIISOPROPYL-	N,N'methanetetraylbis(1methylethylamine)	693130	Classified as 'fatal if inhaled' (GHS H330).	
CARBODIIMIDE, DIISOPROPYL-	N,N'methanetetraylbis(1methylethylamine)	693130	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CARBODIIMIDE, DIISOPROPYL-	N,N'methanetetraylbis(1methylethylamine)	693130	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Carbon black (Uncertified D&C Black No. 2)	Carbon black	1333864	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 65, 93 2010)	
Carbon black (Uncertified D&C Black No. 2)	Carbon black (airborne, unbound particles of respirable size)	1333864	California Proposition 65 listed for cancer	
Carbon black (Uncertified D&C Black No. 2)	Uncertified color additives subject to batch certification	1333864	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
CARBON DISULPHIDE	Carbon disulfide	75150	California Proposition 65 listed for developmental, female, male	
CARBON DISULPHIDE	Carbon disulfide	75150	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBON DISULPHIDE	carbon disulphide	75150	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CARBON MONOXIDE	carbon monoxide	630080	California Proposition 65 listed for developmental	
CARBON MONOXIDE	carbon monoxide	630080	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBON MONOXIDE	carbon monoxide	630080	Classified as 'toxic if inhaled' (GHS H331).	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	California Proposition 65 listed for cancer	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	EPA IRIS 'likely carcinogenic'.	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7, 71 1999)	
CARBON TETRACHLORIDE	Carbon tetrachloride	56235	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CARBONIC ACID, BERYLLIUM SALT, BASIC	Beryllium Compounds	1319433	Listed on the 14th Report on Carcinogens as a known carcinogen	
CARBONIC ACID, CADMIUM SALT	CADMIUM CARBONATE	513780	Classified as 'suspected of causing genetic defects' (GHS H341).	
CARBONIC ACID, CADMIUM SALT	CADMIUM CARBONATE	513780	Classified as 'may cause cancer' (GHS H350).	
CARBONIC ACID, CADMIUM SALT	CADMIUM CARBONATE	513780	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CARBONIC ACID, CADMIUM SALT	CADMIUM CARBONATE	513780	Classified as 'fatal if inhaled' (GHS H330).	
CARBONIC ACID, CADMIUM SALT	CADMIUM CARBONATE	513780	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBONIC ACID, CADMIUM SALT	Cadmium Compounds	513780	Listed on the 14th Report on Carcinogens as a known carcinogen	
CARBONIC ACID, CHROMIUM SALT	Chromium Compounds	29689143	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CARBONIC ACID, CYCLIC VINYLENE ESTER	Vinylene carbonate	872366	Classified as 'toxic in contact with skin' (GHS H311).	
CARBONIC ACID, DIPHENYL ESTER	DIPHENYL CARBONATE	102090	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBONIC ACID, DISILVER(1+) SALT	Silver Carbonate	534167	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBONIC ACID, DITHIO-, O-ISOPROPYL ESTER, POTASSIUM SALT	OAlkyldithiocarbonic acids, salts of	140932; 140921; 1000904	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARBONIC ACID, OXYDIETHYLENEDI-, DIALLYL ESTER	Diallyl 2,2'oxydiethyl dicarbonate	142223	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBONOCHLORIDIC ACID, 2-ETHYLHEXYL ESTER	2ethylhexyl chloroformate	24468131	Classified as 'fatal if inhaled' (GHS H330).	
CARBONOCHLORIDIC ACID, 4-(1,1-DIMETHYLETHYL)CYCLOHEXYL ESTER	4tertbutylcyclohexyl chloroformate	42125462	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBONOCHLORIDIC ACID, 4-(1,1-DIMETHYLETHYL)CYCLOHEXYL ESTER	4tertbutylcyclohexyl chloroformate	42125462	Classified as 'toxic if inhaled' (GHS H331).	
CARBONOCHLORIDIC ACID, PHENYL ESTER	Phenyl chloroformate	1885149	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBONOCHLORIDIC ACID, PHENYL ESTER	Phenyl chloroformate	1885149	Classified as 'fatal if inhaled' (GHS H330).	
CARBONOCHLORIDOTHIOIC ACID, S-ETHYL ESTER	Ethyl chlorothiolformate	2941642	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBONOCHLORIDOTHIOIC ACID, S-ETHYL ESTER	Ethyl chlorothiolformate	2941642	Classified as 'fatal if inhaled' (GHS H330).	
CARBONODITHIOIC ACID, O-(3-METHYLBUTYL) ESTER, POTASSIUM SALT	Potassium isopentyl dithiocarbonate	928701	Classified as 'toxic in contact with skin' (GHS H311).	
CARBONODITHIOIC ACID, O-(3-METHYLBUTYL) ESTER, POTASSIUM SALT	Potassium isopentyl dithiocarbonate	928701	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBONOPEROXOIC ACID, OO-(1,1-DIMETHYLETHYL) O-(2-ETHYLHEXYL) ESTER	OOtertbutyl O(2ethylhexyl) peroxy carbonate	34443124	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CARBONYL FLUORIDE	Carbonyl difluoride	353504	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CARBONYL FLUORIDE	Carbonyl difluoride	353504	Classified as 'fatal if inhaled' (GHS H330).	
CARBONYL FLUORIDE	Carbonyl difluoride	353504	Classified as 'toxic if inhaled' (GHS H331).	
CARD-20(22)-ENOLIDE, 16-(ACETYLOXY)-3-((2,6-DIDEOXY-3-O-METHYL-ALPHA-L-ARABINO-HEXOPYRANOSYL)	Nerium oleander, its extracts and its glycosides	465167; 84929395	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CARD-20(22)-ENOLIDE, 16-(ACETYLOXY)-3-((2,6-DIDEOXY-3-O-METHYL-ALPHA-L-ARABINO-HEXOPYRANOSYL)	Oleandrin	465167	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CARVONE OXIDE	Carvone oxide	33204749	Prohibited by the International Fragrance Association for use in fragrance.	
CAS: 13162-46-4	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CAS:157283-66-4	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CAS:17102-64-6	2,4HEXADIEN1OL	111284; 17102646	Prohibited by the International Fragrance Association for use in fragrance.	
CAS:21662-16-8	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
CAS:39156-41-7	2,4Diaminoanisole sulfate	39156417	California Proposition 65 listed for cancer	
CAS:39156-41-7	2,4Diaminoanisole sulfate	39156417	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CAS:39156-41-7	4Methoxyphenylenediamine and its sulfate salts	615054; 39156417; 6219676	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CAS:39156-41-7	2,4Diaminoanisole sulfate	39156417	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CAS:62265-99-0	1,3Dibromo2methoxy4methyl5nitrobenzene (Musk KS)	62265990	Prohibited by the International Fragrance Association for use in fragrance.	
CAS:63697-53-0	1,3Dibromo2methoxy4nitro5(1,1dimethylethyl)6methylbenzene (Musk alpha)	63697530	Prohibited by the International Fragrance Association for use in fragrance.	
CAS:68515-49-1	Diisodecyl phthalate (DIDP)	68515491; 26761400	California Proposition 65 listed for developmental	
CAS:764-40-9	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
CASEIN	Casein	9000719	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CASEIN	Casein	9000719	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CASHMERAN	Cashmeran	33704619	Synthetic musk fragrances contaminate the environment and are detected in humans.	
CASSIA	Senna Plant	8013114	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CATALASE	Catalase	2593710	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CATALASE	Catalase	90010502	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CATALASE	CATALASE	90010502	Europe prohibits this ingredient in cosmetics	
Cationic fabric softeners	Cationic fabric softeners		EWG Verified doesn't allow products to use nonspecific ingredient names.	
CELESTOLIDE	Celestolide	13171001	Synthetic musk fragrances contaminate the environment and are detected in humans.	
Cells, tissues or products of human origin	Cells, tissues or products of human origin	-	This ingredient is banned the European Union	X
CERIUM ACETATE	Cerium(3+) acetate	537008; 206996603	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CERIUM CHLORIDE	Cerium trichloride	7790865	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CERIUM(III) NITRATE	Cerium trinitrate	10108733; 10294414	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CERIUM(III) NITRATE, HEXAHYDRATE (1:3:6)	Cerium trinitrate	10108733; 10294414	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CAESIUM CARBONATE	Caesium carbonate	534178	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CAESIUM CHLORIDE	Caesium chloride	7647178	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CAESIUM FLUORIDE	Caesium fluoride	13400130	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CAESIUM FLUORIDE	Caesium fluoride	13400130	Classified as 'toxic in contact with skin' (GHS H311).	
CAESIUM FLUORIDE	Caesium fluoride	13400130	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CAESIUM FLUORIDE	Caesium fluoride	13400130	Classified as 'toxic if inhaled' (GHS H331).	
CAESIUM HYDROXIDE	Caesium hydroxide	21351791	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CAESIUM HYDROXIDE	Caesium hydroxide	21351791	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CAESIUM IODIDE	Caesium iodide	7789175	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CAESIUM SULFATE	Caesium sulphate	10294549	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Classified as 'toxic in contact with skin' (GHS H311).	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Classified as 'fatal if inhaled' (GHS H330).	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CETEARALKONIUM BROMIDE	CETEARALKONIUM BROMIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETEARDIMONIUM CHLORIDE	Quaternary ammonium compounds, diC1618alkyldimethyl, chlorides	92129334	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CETEARDIMONIUM CHLORIDE	Quaternary ammonium compounds, diC1618alkyldimethyl, chlorides	92129334	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CETEATRIMONIUM CHLORIDE	CETEATRIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETRIMONIUM BROMIDE	CETRIMONIUM BROMIDE	57090	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETRIMONIUM CHLORIDE	CETRIMONIUM CHLORIDE	112027	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETRIMONIUM CHLORIDE	CETRIMONIUM CHLORIDE	112027	Classified as 'toxic in contact with skin' (GHS H311).	
CETRIMONIUM CHLORIDE	CETRIMONIUM CHLORIDE	112027	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CETRIMONIUM CHLORIDE	CETRIMONIUM CHLORIDE	112027	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CETRIMONIUM CHLORIDE	CETRIMONIUM CHLORIDE	112027	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CETRIMONIUM METHOSULFATE	CETRIMONIUM METHOSULFATE	65060028	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETYLPIRIDINIUM CHLORIDE	CETYLPIRIDINIUM CHLORIDE	123035	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CETYLPIRIDINIUM CHLORIDE	CETYLPIRIDINIUM CHLORIDE	123035;6004246	Classified as 'fatal if inhaled' (GHS H330).	
CETYLPIRIDINIUM CHLORIDE	CETYLPIRIDINIUM CHLORIDE	123035;6004246	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CEVANE-3-BETA,4-BETA,12,14,16-BETA,17,20-HEPTOL, 4,9-EPOXY-, 3-(2-METHYLCROTONATE), (Z)-	Veratrine, its salts and galenical preparations	62599	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CEYLON CINNAMON OIL	Cinnamomum zeylanicum, ext.	8015916; 84649989	Classified as 'suspected of causing genetic defects' (GHS H341).	
CEYLON CINNAMON OIL	Cinnamomum zeylanicum, ext.	8015916; 84649989	Classified as 'may cause cancer' (GHS H350).	
CHENOPODIUM OIL	Chenopodium ambrosioides essential oil	8006993	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHENOPODIUM OIL	Chenopodium ambrosioides L. (essential oil)	8006993	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHENOPODIUM OIL	Chenopodium oil	8006993	Prohibited by the International Fragrance Association for use in fragrance.	
CHLORAL	Chloral	75876	California Proposition 65 listed for cancer	
CHLORAL	Chloral	75876	Probably carcinogenic to humans' IARC (Category 2A, Volume 63, 84, 106 2014)	
CHLORAL	Chloral	75876	Listed as an IARC Group 2A Carcinogen	
CHLORAL	Chloral	75876	California Prop65 Chemical (cancer)	
CHLORAL HYDRATE	2,2,2 Trichloroethane1,1diol	302170	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORAL HYDRATE	Chloral hydrate	302170	California Proposition 65 listed for cancer	
CHLORAL HYDRATE	Chloral hydrate	302170	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLORAL HYDRATE	Chloral hydrate	302170	EPA IRIS 'possible carcinogen'.	
CHLORAL HYDRATE	Chloral hydrate	302170	Probably carcinogenic to humans' IARC (Category 2A, Volume 63, 84, 106 2014)	
CHLORAL HYDRATE	Chloral hydrate	302170	Listed as an IARC Group 2A Carcinogen	
CHLORAL HYDRATE	Chloral hydrate	302170	California Prop65 Chemical (cancer)	
CHLORAMIDE	Chloramide	10599903	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLORAMINE T	Chloramine T	127651	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHLORAMINE T	Chloramine T and related compounds	127651; 7080504; 144865	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLORAMINE T	tosylchloramide sodium	127651; 7080504	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLORAMINE T	tosylchloramide sodium	127651; 7080504	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CHLORAMINE T	Chloramine T	127651	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHLORDANE	Chlordane	57749	California Proposition 65 listed for cancer	
CHLORDANE	Chlordane	12789036	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHLORDANE	Chlordane	12789036	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHLORDANE	Chlordane	57749	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
CHLORDANE	Chlordane	57749	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 53, 79 2001)	
CHLORDANE	Chlordane (cis and trans)	57749	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHLORDANE	Chlordane (technical grade)	12789036	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
CHLORDANE	Chlordane (Technical)	12789036	EPA IRIS 'probable carcinogen'.	
CHLORDANE	Chlordane (Technical)	12789036	EPA IRIS 'known/likely carcinogen'.	
CHLORDANE	Chlordane, pur	57749	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORDECONE	Chlordecone	143500	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORDECONE	Chlordecone (Kepone)	143500	California Proposition 65 listed for developmental	
CHLORDECONE	Chlordecone (Kepone)	143500	California Proposition 65 listed for cancer	
CHLORDECONE	Chlordecone (Kepone)	143500	EPA IRIS 'likely carcinogenic'.	
CHLORDECONE	Chlordecone (Kepone)	143500	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7 1987)	
CHLORDECONE	Kepone	143500	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CHLORDECONE	Kepone (Chlordecone)	143500	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHLORDECONE	Kepone	143500	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CHLORDIMEFORM	Chlordimeform	6164983	California Proposition 65 listed for cancer	
CHLORDIMEFORM	Chlordimeform	6164983	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHLORDIMEFORM	Chlordimeform (ISO)	6164983	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORDIMEFORM HYDROCHLORIDE	N' (4Chlorootolyl)N,Ndimethylformamidine monohydrochloride	19750959	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORHEXIDINE	Chlorhexidine	55561	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHLORHEXIDINE	Chlorhexidine	55561	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHLORHEXIDINE DIGLUCONATE	Dgluconic acid, compound with N,N"bis(4chlorophenyl)3,12diimino2,4,11,13tetraazatetradecanediamidine (2:1)	18472510	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLORHEXIDINE DIHYDROCHLORIDE	Chlorhexidine dihydrochloride	3697425	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLORINE	chlorine	7782505	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLORINE	chlorine	7782505	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHLORINE	chlorine	7782505	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHLORINE	chlorine	7782505	Classified as 'fatal if inhaled' (GHS H330).	
CHLORINE	chlorine	7782505	Classified as 'toxic if inhaled' (GHS H331).	
CHLORINE	chlorine	7782505	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLORINE	chlorine	7782505	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHLORINE DIOXIDE	chlorine dioxide	10049044	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLORINE DIOXIDE	chlorine dioxide	10049044	Classified as 'fatal if inhaled' (GHS H330).	
CHLORMETHYL METHYL ETHER	Bis(chloromethyl)ether; chloromethyl methyl ether (technicalgrade)	107302	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100F 2012)	
CHLORMETHYL METHYL ETHER	Bis(chloromethyl)ether; chloromethyl methyl ether (technicalgrade)	542881	Carcinogenic to humans' IARC (Category 1, Volume 4, Sup 7, 100F 2012)	
CHLORMETHYL METHYL ETHER	Chloromethyl methyl ether	107302	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLORMETHYL METHYL ETHER	Chloromethyl methyl ether (CMME)	107302	EPA IRIS 'human carcinogen'.	
CHLORMETHYL METHYL ETHER	Chloromethyl Methyl Ether (see Bis(chloromethyl) Ether and TechnicalGrade Chloromethyl Methyl Ether)	107302	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
CHLORMETHYL METHYL ETHER	Chloromethyl methyl ether (technical grade)	107302	California Proposition 65 listed for cancer	
CHLORMETHYL METHYL ETHER	Chloromethyl methyl ether	107302	Listed on the 14th Report on Carcinogens as a known carcinogen	
CHLOROACETALDEHYDE	chloroacetaldehyde	107200	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROACETALDEHYDE	chloroacetaldehyde	107200	Classified as 'suspected of causing cancer' (GHS H351).	
CHLOROACETALDEHYDE	chloroacetaldehyde	107200	Classified as 'toxic in contact with skin' (GHS H311).	
CHLOROACETALDEHYDE	chloroacetaldehyde	107200	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLOROACETALDEHYDE	chloroacetaldehyde	107200	Classified as 'fatal if inhaled' (GHS H330).	
CHLOROACETAMIDE	2Chloroacetamide	79072	Classified as 'toxic in contact with skin' (GHS H311).	
CHLOROACETAMIDE	Chloroacetamide	79072	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'fatal in contact with skin' (GHS H310).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'toxic in contact with skin' (GHS H311).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'fatal if inhaled' (GHS H330).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'toxic if inhaled' (GHS H331).	
CHLOROACETIC ACID	chloroacetic acid	79118	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLOROACETONITRILE	chloroacetonitrile	107142	Classified as 'fatal in contact with skin' (GHS H310).	
CHLOROACETONITRILE	chloroacetonitrile	107142	Classified as 'toxic in contact with skin' (GHS H311).	
CHLOROACETONITRILE	chloroacetonitrile	107142	Classified as 'toxic if inhaled' (GHS H331).	
CHLOROACETYL CHLORIDE	chloroacetyl chloride	79049	Classified as 'fatal in contact with skin' (GHS H310).	
CHLOROACETYL CHLORIDE	chloroacetyl chloride	79049	Classified as 'toxic in contact with skin' (GHS H311).	
CHLOROACETYL CHLORIDE	chloroacetyl chloride	79049	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLOROACETYL CHLORIDE	chloroacetyl chloride	79049	Classified as 'toxic if inhaled' (GHS H331).	
CHLOROACETYL CHLORIDE	chloroacetyl chloride	79049	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLOROBENZILATE	Ethyl4,4'dichlorobenzilate	510156	California Proposition 65 listed for cancer	
CHLOROETHANE	chloroethane	75003	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLOROETHANE	chloroethane	75003	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROETHANE	Chloroethane (Ethyl chloride)	75003	California Proposition 65 listed for cancer	
CHLOROFORM	Chloroform	67663	California Proposition 65 listed for cancer	
CHLOROFORM	Chloroform	67663	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLOROFORM	Chloroform	67663	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROFORM	Chloroform	67663	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CHLOROFORM	Chloroform	67663	FDA Banned ingredients in cosmetics.	
CHLOROFORM	Chloroform	67663	EPA IRIS 'probable carcinogen'.	
CHLOROFORM	Chloroform	67663	EPA IRIS 'likely carcinogenic'.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHLOROFORM	Chloroform	67663	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
CHLOROFORM	Chloroform [Basis for listing changed effective December 23, 2016]	67663	California Proposition 65 listed for developmental	
CHLOROFORM	Chloroform	67663	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CHLOROMETHANE	Chloromethane (Methyl chloride)	74873	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROMETHANE	Methyl chloride	74873	California Proposition 65 listed for developmental	
CHLOROMETHANE	Methyl chloride [Basis for listing changed effective March 7, 2014]	74873	California Proposition 65 listed for male	
CHLOROPHACINONE	2 [2(4Chlorophenyl)2phenylacetyl]indan 1,3dione (chlorophacinone ISO)	3691358	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROPHACINONE	Chlorophacinone	3691358	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHLOROPHENE	Clorofene	120321	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHLOROPRENE (STABILIZED)	2chlorobuta1,3diene	126998	Classified as 'may cause cancer' (GHS H350).	
CHLOROPRENE (STABILIZED)	Chloroprene	126998	California Proposition 65 listed for cancer	
CHLOROPRENE (STABILIZED)	Chloroprene	126998	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CHLOROPRENE (STABILIZED)	Chloroprene	126998	EPA IRIS 'likely carcinogenic'.	
CHLOROPRENE (STABILIZED)	Chloroprene	126998	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 71 1999)	
CHLOROPRENE (STABILIZED)	Chloroprene (stabilized); (2 Chlorobuta1,3diene)	126998	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROPRENE (STABILIZED)	Chloroprene	126998	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CHLOROSULPHONIC ACID	Chlorosulphuric acid	7790945	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHLOROSULPHONIC ACID	Chlorosulphuric acid	7790945	Classified as 'fatal if inhaled' (GHS H330).	
CHLOROTHALONIL	Chlorothalonil	1897456	California Proposition 65 listed for cancer	
CHLOROTHALONIL	Chlorothalonil	1897456	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROTHALONIL	Chlorothalonil	1897456	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHLOROTHALONIL	Chlorothalonil	1897456	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
CHLOROTHALONIL	Chlorothalonil	1897456	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHLOROTOLURON	Chlorotoluron; (3 (3Chloroptolyl)1,1dimethylurea)	15545489	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHLOROXYLENOL	CHLOROXYLENOL	1321239	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CHLORPHENESIN	CHLORPHENESIN	104290	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.concerns.	
CHLORPYRIFOS	Chlorpyrifos	2921882	California Proposition 65 listed for developmental	
CHLORPYRIFOS	Chlorpyrifos	2921882	California Prop65 Chemical (developmental)	
CHLOZOLINATE	Chlozolinatate (ISO)	84332865	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHOLANTHRENE, 3-METHYL-	3Methylcholanthrene	56495	California Proposition 65 listed for cancer	
CHOLANTHRENE, 3-METHYL-	3Methylcholanthrene	56495	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CHOLINE	Choline salts and their esters	62497	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHOLINE ACETATE (ESTER)	(2 Acetoxyethyl)trimethylammonium hydroxide (Acetylcholine) and its salts	51843	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHOLINE ACETATE (ESTER)	Acetylcholine and its salts	51843	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHOLINE CHLORIDE	Choline salts and their esters e.g. choline chloride (INN)	67481	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHOLINE HYDROXIDE	Choline hydroxide	123411	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHROMATE, POTASSIUM	Chromium Compounds	11073340	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'suspected of causing genetic defects' (GHS H341).	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'may cause cancer' (GHS H350).	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'fatal if inhaled' (GHS H330).	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CHROMATE(1-), HYDROXYOCTAOXODIZINCATEDI-, POTASSIUM	Potassium hydroxyoctaoxodizincatedichromate(1)	11103869	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHROMIC ACETATE	Chromium Compounds	1066304	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID	Chromic Acid	1333820	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHROMIC ACID	Chromic acid and its salts	1308141; 7738945; 13530682	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHROMIC ACID	Chromium Compounds	1308141	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID	Chromic Acid	1333820	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID (H2CRO4)	Chromic acid and its salts	1308141; 7738945; 13530682	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHROMIC ACID, BIS(TRIPHENYLSILYL) ESTER	Bis(triphenylsilyl) chromate	1624028	Classified as 'may cause cancer' (GHS H350).	
CHROMIC ACID, BIS(TRIPHENYLSILYL) ESTER	Bis(triphenylsilyl) chromate	1624028	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CHROMIC ACID, BIS(TRIPHENYLSILYL) ESTER	Bis(triphenylsilyl) chromate	1624028	Classified as 'toxic in contact with skin' (GHS H311).	
CHROMIC ACID, BIS(TRIPHENYLSILYL) ESTER	Bis(triphenylsilyl) chromate	1624028	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHROMIC ACID, CALCIUM SALT (1:1)	Chromium Compounds	13765190	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID, DILITHIUM SALT	Chromium Compounds	14307358	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID, NICKEL(2+) SALT (1:1)	Nickel Compounds	14721187	Listed on the 14th Report on Carcinogens as a known carcinogen	
CHROMIC ACID, ZINC SALT	Chromium Compounds	13530659	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIC ACID, ZINC SALT, BASIC	Chromium Compounds	50922297	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM	Chromium	7440473	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CHROMIUM	Chromium	7440473	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CHROMIUM	Chromium	7440473	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHROMIUM	Chromium, Not Hexavalent	7440473	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHROMIUM	Chromium; chromic acid and its salts	7440473	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHROMIUM	zinc chromates including zinc potassium chromate	7440473	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHROMIUM	Chromium Compounds	7440473	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM	Chromium, Not Hexavalent	7440473	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM (III) SULFATE (2:3)	Chromium Compounds	10101538	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM (III), DIPHENYL-, IODIDE	Chromium Compounds	12089291	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM (VI) TRIOXIDE	Chromic Acid	1333820	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'fatal in contact with skin' (GHS H310).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'toxic in contact with skin' (GHS H311).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'fatal if inhaled' (GHS H330).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHROMIUM (VI) TRIOXIDE	Chromium trioxide	1333820	Classified as 'may cause genetic defects' (GHS H340).	
CHROMIUM (VI) TRIOXIDE	Chromium Compounds	1333820	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM (VI) TRIOXIDE	Chromic Acid	1333820	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM ASPARTATE	Chromium Compounds		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM BORIDE, DUST	Chromium diboride	12007168	Classified as 'may cause cancer' (GHS H350).	
CHROMIUM BORIDE, DUST	Chromium diboride	12007168	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CHROMIUM BORIDE, DUST	Chromium Compounds	12007168	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM CARBONYL	Chromium Compounds	13007926	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM CHLORIDE	Chromium trichloride	10025737; 10060125	Classified as 'fatal if inhaled' (GHS H330).	
CHROMIUM CHLORIDE	Chromium Compounds	10025737	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM CHLORIDE, (OC-6-11)-	Chromium Compounds	14986482	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM CHLORIDE, HEXAUREA	Chromium Compounds	140230109	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM HYDROXIDE GREEN	Chromium Compounds	12001999	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM HYDROXIDE SULFATE	Chromium Compounds	12336957	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM NICKEL OXIDE	Nickel Compounds	12018187	Listed on the 14th Report on Carcinogens as a known carcinogen	
CHROMIUM NICKEL OXIDE	Chromium Compounds	12018187	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM NITRATE	Chromium Compounds	10103476	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM OXIDE	Chromium Compounds	120180108	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM OXIDE GREENS	Chromium (III) oxide	1308389	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CHROMIUM OXIDE GREENS	Chromium Compounds	1308389	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM OXIDE, AEROSOLS	Chromium Compounds	12018405	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM PHOSPHATE	Chromium Compounds	7789040	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM PICOLINATE	Chromium Compounds		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM POTASSIUM SULFATE (1:1:2)	Chromium Compounds	10141001	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM POTASSIUM ZINC OXIDE	Chromium Compounds	37224570	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM ZINC OXIDE	Chromium Compounds	12018198	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, (BENZENE)TRICARBONYL-	Chromium Compounds	120820805	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, BIS(TRIMETHOXYPHOSPHINE)TETRACARBONYL-	Chromium Compounds	22614535	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHROMIUM, HEXACARBONYLDI-PI-CYCLOPENTADIENYL-MU-MERCURIODI-	Chromium Compounds	12194115	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, ION (CR 2+)	Chromium Compounds	22541793	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, ION (CR 3+)	Chromium Compounds	16065831	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, ION (CR 6+)	Chromium (VI) (see Chromium Hexavalent Compounds)	18540299	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
CHROMIUM, ION (CR 6+)	Chromium (VI) compounds	18540299	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 49, 100C 2012)	
CHROMIUM, ION (CR 6+)	Chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	18540299	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHROMIUM, ION (CR 6+)	Chromium(VI)	18540299	EPA IRIS 'human carcinogen'.	
CHROMIUM, ION (CR 6+)	Chromium(VI)	18540299	EPA IRIS 'known/likely carcinogen'.	
CHROMIUM, ION (CR 6+)	Chromium (VI)	18540299	Listed on the 14th Report on Carcinogens as a known carcinogen	
CHROMIUM, ION (CR 6+)	Chromium Compounds	18540299	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, ION (CR 6+)	Chromium, Hexavalent, NOS	18540299	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, PENTACARBONYL(PIPERIDINE)-, (OC-6-22)-	Chromium Compounds	15710391	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TETRACHLORO-MU-HYDROXY(MU-(OCTADECANOATO-O-O'))DI-	Chromium Compounds	15242963	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TRICARBONYL((1,2,4,5,6-ETA)-1,3,5-CYCLOHEPTATRIENE)-	Chromium Compounds	12125723	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TRICARBONYL(CHLOROENZENE)-	Chromium Compounds	12082030	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TRICARBONYL(P-DICHLOROENZENE)-	Chromium Compounds	86409623	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TRICARBONYL(TOLUENE)-	Chromium Compounds	12083248	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM, TRIS(2-PYRIDINECARBOXYLATO-KAPPA-N(SUP 1),KAPPA-O(SUP 2))-, MONOHYDRATE	Chromium Compounds	27882764	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(3+), TRIS(1-PHENYL-1,3-BUTANEDIONATO)-	Chromium Compounds	16432363	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(3+), TRIS(2,4-PENTANEDIONATO)-	Chromium Compounds	21679312	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(II) CHLORIDE (1:2)	Chromium Compounds	100490505	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(III) CHLORIDE, HEXAHYDRATE (1:3:6)	Chromium trichloride	10025737; 10060125	Classified as 'fatal if inhaled' (GHS H330).	
CHROMIUM(III) CHLORIDE, HEXAHYDRATE (1:3:6)	Chromium Compounds	10060125	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(III) FLUORIDE	Chromium trifluoride	7788978	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CHROMIUM(III) FLUORIDE	Chromium Compounds	7788978	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(III) NITRATE	Chromium Compounds	13548384	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(III) NITRATE, NONAHYDRATE (1:3:9)	Chromium Compounds	77890208	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMIUM(III) POTASSIUM SULFATE (1:1:2), DODECAHYDRATE	Chromium Compounds	7788990	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHROMYL DICHLORIDE	Chromium Compounds	14977618	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CHRYSENE	chrysene	218019	California Proposition 65 listed for cancer	
CHRYSENE	chrysene	218019	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CHRYSENE	chrysene	218019	EPA IRIS 'probable carcinogen'.	
CHRYSENE	chrysene	218019	Possibly carcinogenic to humans' IARC (Category 2B, Volume 92 2010)	
CHRYSENE, 5-METHYL-	5Methylchrysene	3697243	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CHRYSENE, 5-METHYL-	5Methylchrysene	3697243	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 92 2010)	
CHRYSENE, 5-METHYL-	5Methylchrysene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	3697243	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CHRYSENE, 5-METHYL-	5Methylchrysene	3697243	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CHRYSENE, 6-NITRO-	6Nitrochrysene	7496028	California Proposition 65 listed for cancer	
CHRYSENE, 6-NITRO-	6Nitrochrysene	7496028	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 46, 105 2014)	
CHRYSENE, 6-NITRO-	6Nitrochrysene (see Nitroarenes [Selected])	7496028	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CHRYSENE, 6-NITRO-	6Nitrochrysene	74960208	Listed as an IARC Group 2A Carcinogen	
CHRYSENE, 6-NITRO-	6Nitrochrysene	74960208	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CHYMOTRYPSIN	chymotrypsin	90040703	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CI 10006	CI 10006	16143809	Non FDA approved colorant.	
CI 11920	4 (Phenylazo)resorcinol (Solvent Orange 1; CI 11920) and its salts, when used as a substance in hair dye products	2051856	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 12010	4 [(4Ethoxyphenyl)azo]naphthol (Solvent Red 3; CI 12010) and its salts, when used as a substance in hair dye products	6535428	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 12010	SOLVENT RED 3	6535428	Non FDA approved colorant.	
CI 12150	1[(2methoxyphenyl)azo]2naphthol	1229556	Classified as 'may cause cancer' (GHS H350).	
CI 12150	Solvent Red 1 (CI 12150), when used as a substance in hair dye products	1229556	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 12370	3 HydroxyN(otolyl)4[(2,4,5trichlorophenyl)azo]naphthalene2carboxamide (Pigment Red 112; CI 12370) and its salts when used as a substance in hair dye products	6535462	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 12490	N (5Chloro2,4dimethoxyphenyl)4[[5[(diethylamino)sulphonyl]2methoxyphenyl]azo]3hydroxynaphthalene2carboxamide (Pigment Red 5; CI 12490) and its salts when used as a substance in hair dye products	6410419	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 12700	CI 12700	4314141	Non FDA approved colorant.	
CI 14270	4 (2,4Dihydroxyphenylazo)benzenesulphonic acid (CAS 2050342; EINECS 2180870) and its sodium salt (Acid Orange 6; CI 14270) (CAS 547579; EINECS 2089248) when used as substance in hair dye products	2050342; 547579	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 14720	C.I. Acid Red 14	3567699	Non FDA approved colorant.	
CI 16255	Cibachrome Brilliant Scarlet 3R	2611827	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CI 16255	Cibachrome Brilliant Scarlet 3R	2611827	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CI 18050	CI 18050	3734676	Non FDA approved colorant.	
CI 18965	C.I. Acid Yellow 17	6359984	Non FDA approved colorant.	
CI 21100	2,2' [(3,3'Dichloro[1,1'biphenyl]4,4'diyl)bis(azo)]bis[N(2,4dimethylphenyl)3oxo butyramide] (Pigment Yellow 13; CI 21100) when used as a substance in hair dye products	5102830	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 21230	2,2' [Cyclohexylidenebis[(2methyl4,1phenylene)azo]]bis[4cyclohexylpheno] (Solvent Yellow 29; CI 21230) when used as a substance in hair dye products	6706827	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 26125	Solvent Red 27	1320065	Non FDA approved colorant.	
CI 27290	Acid Red 73 (CI 27290), when used as a substance in hair dye products	5413752	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 27755	Tetrasodium 6 amino4hydroxy3[[7sulphonato4[(4sulphonatophenyl)azo]1naphthyl]azo]naphthalene2,7disulphonate (Food Black 2; CI 27755) when used as a substance in hair dye products	2118390	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 28440	Tetrasodium 1acetamido2hydroxy3(4(4sulphonatophenylazo)7sulphonato1naphthylazo)naphthalene4,6disulphonate	2519304	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CI 42051	ACID BLUE 3	3536490	Non FDA approved colorant.	
CI 42051	Ethanaminium, N (4((4diethylamino)phenyl)(5hydroxy2,4disulphophenyl)methylene)2,5cyclohexadien1ylidene)Nethyl, hydroxide, inner salt, calcium salt (2:1) (Acid Blue 3; CI 42051) when used as a substance in hair dye products	3536490	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 42080	CI 42080	3486304	Non FDA approved colorant.	
CI 42510	(4(4Aminophenyl)(4iminocyclohexa2,5dienylidene)methyl)2methylaniline hydrochloride	632995	Classified as 'suspected of causing cancer' (GHS H351).	
CI 42510	4 [(4Aminophenyl)(4iminocyclohexa2,5dienylidene)methyl]otoluidine (CAS 3248939; EINECS 2218322) and its hydrochloride salt (Basic Violet 14; CI 42510) (CAS 632995; EINECS 2111896) when used as a substance in hair dye products	3248939; 632995	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CI 42510	Magenta	632995	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 57, 99, 100F 2012)	
CI 42520	4[[4Aminomtolyl](4imino3methylcyclohexa2,5dien1ylidene)methyl]otoluidine monohydrochloride	3248917	Classified as 'may cause cancer' (GHS H350).	
CI 42520	4[[4Aminomtolyl](4imino3methylcyclohexa2,5dien1ylidene)methyl]otoluidine monohydrochloride	3248917	Classified as 'suspected of causing cancer' (GHS H351).	
CI 42520	4[[4Aminomtolyl](4imino3methylcyclohexa2,5dien1ylidene)methyl]otoluidine monohydrochloride	3248917	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CI 44045	[4[[4Anilino1naphthyl]](4(dimethylamino)phenyl)methylene]cyclohexa2,5dien1ylidene]dimethylammonium chloride (Basic Blue 26; CI 44045) when used as a substance in hair dye products	2580565	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 44045	[4[[4Anilino1naphthyl]](4(dimethylamino)phenyl)methylene]cyclohexa2,5dien1ylidene]dimethylammonium chloride	2580565	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CI 45380 (D&C Red No. 21 or 22)	D&C Red No. 22	548265	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45380 (D&C Red No. 21 or 22) Barium Lake	D&C Red No. 22	548265	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45380 (D&C Red No. 21 or 22) Lake	D&C Red No. 22	548265	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45380 (D&C Red No. 21 or 22) Zirconium Lake	D&C Red No. 22	548265	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28)	D&C Red No. 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28)	D&C Red No. 28	18472872	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28)	D&C Red 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Calcium Lake	D&C Red No. 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Calcium Lake	D&C Red 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Lake	D&C Red No. 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Lake	D&C Red 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Zirconium Lake	D&C Red No. 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45410 (D&C Red No. 27 or 28) Zirconium Lake	D&C Red 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45425 (D&C Orange No. 10 or 11)	D&C Orange No. 10	5118401	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45425 (D&C Orange No. 10 or 11)	D&C Orange No. 10	518401	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
CI 45425 (D&C Orange No. 10 or 11) Lake	D&C Orange No. 10	5118401	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
CI 45425 (D&C Orange No. 10 or 11) Lake	D&C Orange No. 10	38577978	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
CI 51319	8,18 Dichloro5,15diethyl5,15dihydrodiindolo[3,2b:3',2'm]triphenodioxazine (Pigment Violet 23; CI 51319) when used as a substance in hair dye products	6358301	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 58000	1,2 Dihydroxyanthraquinone (Pigment Red 83; CI 58000) when used as a substance in hair dye products	72480	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 61585	C.I. Acid Blue 80	4474242	Non FDA approved colorant.	
CI 62045	Sodium 1amino4(cyclohexylamino)9,10dihydro9,10dioxanthracene2sulphonate	4368563	Classified as 'suspected of causing genetic defects' (GHS H341).	
CI 73900	5,12 Dihydroquino[2,3b]acridine7,14dione (Pigment Violet 19; CI 73900) when used as a substance in hair dye products	1047161	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 74180	C.I. Direct Blue 86	1330387	Non FDA approved colorant.	
CI 74180	Disodium [29H,31H phthalocyaninedisulphonato(4)N29,N30,N31,N32]cuprate(2) (Direct Blue 86; CI 74180) when used as a substance in hair dye products	1330387	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 74260	C.I. Pigment Green 7	1328536	Non FDA approved colorant.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CI 74260	Polychloro copper phthalocyanine (Pigment Green 7; CI 74260) when used as a substance in hair dye products	1328536	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CI 77000	Aluminum	7429905	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CI 77000	Aluminum	7429905	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CI 77015	Diiron trioxide	1309371	Non FDA approved colorant.	
CI 77400	Copper	7440508	Classified as 'suspected of causing cancer' (GHS H351).	
CI 77400	Copper	7440508	Classified as 'toxic if inhaled' (GHS H331).	
CI 77400	Copper	7440508	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CI 77820	Silver	7440224	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CICHORIUM INTYBUS (CHICORY)	Cichorium intybus		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
CICLOPIROX OLAMINE	6cyclohexyl1hydroxy4methylpyridin2(1H)one, compound with 2aminoethanol (1:1)	41621492	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CICLOPIROX OLAMINE	6cyclohexyl1hydroxy4methylpyridin2(1H)one, compound with 2aminoethanol (1:1)	41621492	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CINCHONIDINE	Cinchonidine	485712	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CINCHONINAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-	Cinchocaine (INN) and its salts	85790	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CINCHONINAMIDE, 2-BUTOXY-N-(2-(DIETHYLAMINO)ETHYL)-	Cinchocaine and its salts	85790	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CINCHONINIC ACID, 2-PHENYL-	Cinchophen (INN), its salts, derivatives and salts of these derivatives	132605; 5949188	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CINCHONINIC ACID, 2-PHENYL-	Cinchophen, its salts, derivatives and salts of these derivatives	132605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CINCHONINIC ACID, 2-PHENYL-, SODIUM SALT	Cinchophen (INN), its salts, derivatives and salts of these derivatives	132605; 5949188	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CINNAMIC ACID, 3-(DIETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE	3 Diethylaminopropyl cinnamate	538669	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CINNAMIC ACID, 3-(DIETHYLAMINO)PROPYL ESTER, HYDROCHLORIDE	3Diethylaminopropyl cinnamate	538669	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CINNAMIC ACID, NICKEL(II) SALT	Nickel Compounds	63938169	Listed on the 14th Report on Carcinogens as a known carcinogen	
CINNAMIDOPROPYLTRIMONIUM CHLORIDE	CINNAMIDOPROPYLTRIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
CINNAMOMUM ZEYLANICUM	Cinnamomum zeylanicum, ext.	8015916; 84649989	Classified as 'suspected of causing genetic defects' (GHS H341).	
CINNAMOMUM ZEYLANICUM	Cinnamomum zeylanicum, ext.	8015916; 84649989	Classified as 'may cause cancer' (GHS H350).	
cis-N-(3-Chloroallyl)Hexaminium Chloride	1[(2Z)3chloroprop2en1yl]1,3,5,7tetraazatricyclo[3.3.1.1.1]decan1ium chloride	51229788	Classified as 'toxic in contact with skin' (GHS H311).	
CISTUS LADANIFERUS EXTRACT	Cistus Essential Oil; Cistus ladaniferus, ext.; ECHA Substance; Goma Labdanum; Labdanum absolue; Labdanum oil (Cistus spp.); Oils, labdanum	8016260	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CISTUS LADANIFERUS OIL	Cistus Essential Oil; Cistus ladaniferus, ext.; ECHA Substance; Goma Labdanum; Labdanum absolue; Labdanum oil (Cistus spp.); Oils, labdanum	8016260	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CISTUS LADANIFERUS RESIN	Cistus Essential Oil; Cistus ladaniferus, ext.; ECHA Substance; Goma Labdanum; Labdanum absolue; Labdanum oil (Cistus spp.); Oils, labdanum	8016260	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
cistus ladaniferus resin absolute	Cistus Essential Oil; Cistus ladaniferus, ext.; ECHA Substance; Goma Labdanum; Labdanum absolue; Labdanum oil (Cistus spp.); Oils, labdanum	8016260	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CISTUS OIL	Cistus Essential Oil; Cistus ladaniferus, ext.; ECHA Substance; Goma Labdanum; Labdanum absolue; Labdanum oil (Cistus spp.); Oils, labdanum	8016260	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CITRACONIC ACID, DIMETHYL ESTER	Dimethyl citraconate	617549	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CITRACONIC ACID, DIMETHYL ESTER	Dimethyl citraconate	617549	Prohibited by the International Fragrance Association for use in fragrance.	
CITRACONIC ACID, DIMETHYL ESTER	Dimethyl citraconate, when used as a fragrance ingredient	617549	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CITRACONIC ANHYDRIDE	Citraconic anhydride	616024	Classified as 'toxic in contact with skin' (GHS H311).	
CITRACONIC ANHYDRIDE	Citraconic anhydride	616024	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CITRACONIC ANHYDRIDE	Citraconic anhydride	616024	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CITRIC ACID, TRILITHIUM SALT	Lithium citrate	919164	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	Orange, sweet, ext.	8028486; 68647723	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CITRUS RED 2	Citrus Red No. 2	6358538	California Proposition 65 listed for cancer	
CITRUS RED 2	Citrus Red No. 2	6358538	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	Tangor, Murcote, ext.	93686227	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CLARIFIED SLURRY OIL	Clarified oils (petroleum), catalytic cracked	64741624	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CLARIFIED SLURRY OIL	Clarified oils (petroleum), catalytic cracked	64741624	Classified as 'may cause cancer' (GHS H350).	
CLARIFIED SLURRY OIL	Clarified oils (petroleum), catalytic cracked	64741624	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CLARIFIED SLURRY OIL	Clarified oils (petroleum), catalytic cracked	64741624	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Clay fabric softeners	Clay fabric softeners		EWG Verified doesn't allow products to use nonspecific ingredient names.	
CLIMBAZOLE	CLIMBAZOLE	38083179	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CLOPHEN 30	Clophen A30	54991934	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CLOPHEN A 50	Clophen A50	8068448	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CLOPHEN A-30	Clophen A30	54991934	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CLOTRIMAZOLE	1[[2chlorophenyl]diphenylmethyl]1Himidazole; nitric acid	37594642	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COAL LIQUIDS, LIQ. SOLVENT EXTN.	Coal liquids, liq. solvent extn., if they contain > 0.005 % w/w benzo[a]pyrene	94114484	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COAL LIQUIDS, LIQ. SOLVENT EXTN. SOLN.	Coal liquids, liq. solvent extn. soln., if they contain > 0,005 % w/w benzo[a]pyrene	94114473	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COAL TAR	Coal Tar (see Coal Tars and CoalTar Pitches)	8007452	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
COAL TAR	Coal tars (see Coaltar distillation)	8007452	Carcinogenic to humans' IARC (Category 1, Volume 35, Sup 7 1987)	
COAL TAR	Coal tars crude and refined	8007452	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COAL TAR	Coaltar distillation	8007452	Carcinogenic to humans' IARC (Category 1, Volume 92, 100F 2012)	
COAL TAR	Crude and refined coal tars	8007452	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COAL TAR	Coal tar	8007452	Listed on the 14th Report on Carcinogens as a known carcinogen	
COAL TAR, HIGH TEMPERATURE	Tar, coal, hightemp.	65996896	Classified as 'may cause cancer' (GHS H350).	
COAL TAR, HIGH TEMPERATURE	Tar, coal, hightemp.	65996896	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COAL TAR, HIGH TEMPERATURE	Tar, coal, hightemp.	65996896	Classified as 'may cause genetic defects' (GHS H340).	
COAL-TAR PITCH	Coaltar pitch	65996932	Carcinogenic to humans' IARC (Category 1, Volume 35, Sup 7, 100F 2012)	
COAL-TAR PITCH	Pitch, coal tar, hightemp.	65996932	Classified as 'may cause cancer' (GHS H350).	
COAL-TAR PITCH	Pitch, coal tar, hightemp.	65996932	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COAL-TAR PITCH	Pitch, coal tar, hightemp.	65996932	Classified as 'may cause genetic defects' (GHS H340).	
COBALT	cobalt	7440484	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
COBALT	cobalt	7440484	Classified as 'may cause cancer' (GHS H350).	
COBALT	cobalt	7440484	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COBALT	cobalt	7440484	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
COBALT	cobalt	7440484	Classified as 'fatal if inhaled' (GHS H330).	
COBALT	cobalt	7440484	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT	cobalt	7440484	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT	Cobalt (see CobaltRelated Exposures)	7440484	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
COBALT	Cobalt and cobalt compounds	7440484	Possibly carcinogenic to humans' IARC (Category 2B, Volume 52 1991)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
COBALT	Cobalt metal powder	7440484	California Proposition 65 listed for cancer	
COBALT	Cobalt metal with tungsten carbide	7440484	Probably carcinogenic to humans' IARC (Category 2A, Volume 86 2006)	
COBALT	Cobalt metal without tungsten carbide	7440484	Possibly carcinogenic to humans' IARC (Category 2B, Volume 86 2006)	
COBALT	Tungsten carbide with cobalt metal (see Cobalt metal with tungsten carbide)	7440484	Possibly carcinogenic to humans' IARC (Category 2B, Volume 86 2006)	
COBALT	Tungsten Carbide/Cobalt	11130737; 7440484	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
COBALT	cobalt	7440484	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
COBALT	cobalt	7440484	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
cobalt	cobalt	7440-48-4	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
COBALT ALLOY, BASE, CO 48-58,CR 24-26,NI 9.5-12,W 7-8,FE 2,MN 0-1,SI 0-1,C 0.4-0.6 (ASTM A567-	Nickel Compounds	126380702	Listed on the 14th Report on Carcinogens as a known carcinogen	
COBALT CARBONATE	cobalt carbonate	513791	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT CARBONATE	cobalt carbonate	513791	Classified as 'may cause cancer' (GHS H350).	
COBALT CARBONATE	cobalt carbonate	513791	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT CARBONATE	cobalt carbonate	513791	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT CHLORIDE	cobalt dichloride	7646799	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COBALT CHLORIDE	cobalt dichloride	7646799; 7791131	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT CHLORIDE	cobalt dichloride	7646799; 7791131	Classified as 'may cause cancer' (GHS H350).	
COBALT CHLORIDE	cobalt dichloride	7646799; 7791131	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT CHLORIDE	cobalt dichloride	7646799; 7791131	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Cobalt dimolybdenum nickel octaoxide	Cobalt dimolybdenum nickel octaoxide	680160305	Europe prohibits this ingredient in cosmetics	
COBALT HYDROXIDE	Cobalt trihydroxide	1307864	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT HYDROXIDE OXIDE	Cobalt hydroxide oxide	12016807	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT HYDROXIDE OXIDE	Cobalt hydroxide oxide	12016807	Classified as 'may cause cancer' (GHS H350).	
COBALT HYDROXIDE OXIDE	Cobalt hydroxide oxide	12016807	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COBALT HYDROXIDE OXIDE	Cobalt hydroxide oxide	12016807	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT HYDROXIDE OXIDE	Cobalt hydroxide oxide	12016807	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT OXIDE	Cobalt (II) oxide	1307966	California Proposition 65 listed for cancer	
COBALT OXIDE	cobalt oxide	1307966	Classified as 'may cause cancer' (GHS H350).	
COBALT OXIDE	cobalt oxide	1307966	Classified as 'suspected of causing cancer' (GHS H351).	
COBALT OXIDE	cobalt oxide	1307966	Classified as 'fatal if inhaled' (GHS H330).	
COBALT OXIDE	cobalt oxide	1307966	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT OXIDE	cobalt oxide	1307966	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
cobalt oxide	cobalt oxide	1307-96-6	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
COBALT OXIDE (CO3O4)	Tricobalt tetraoxide	1308061	Classified as 'may cause cancer' (GHS H350).	
COBALT OXIDE (CO3O4)	Tricobalt tetraoxide	1308061	Classified as 'suspected of causing cancer' (GHS H351).	
COBALT OXIDE (CO3O4)	Tricobalt tetraoxide	1308061	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT OXIDE (CO3O4)	Tricobalt tetraoxide	1308061	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT SULPHATE	cobalt sulfate	10124433	California Proposition 65 listed for cancer	
COBALT SULPHATE	Cobalt sulphate	10124433	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COBALT SULPHATE	Cobalt sulphate	10026241; 10124433	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT SULPHATE	Cobalt sulphate	10026241; 10124433	Classified as 'may cause cancer' (GHS H350).	
COBALT SULPHATE	Cobalt sulphate	10026241; 10124433	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT SULPHATE	Cobalt sulphate	10026241; 10124433	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
COBALT SULPHIDE	COBALT SULPHIDE	1317426	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT SULPHIDE	COBALT SULPHIDE	1317426	Classified as 'may cause cancer' (GHS H350).	
COBALT SULPHIDE	COBALT SULPHIDE	1317426	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COBALT SULPHIDE	COBALT SULPHIDE	1317426	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT SULPHIDE	COBALT SULPHIDE	1317426	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT, DI-MU-CARBONYLHEXACARBONYLDI-, (CO-CO)	Octacarbonyldicobalt	10210681	Classified as 'may cause cancer' (GHS H350).	
COBALT, DI-MU-CARBONYLHEXACARBONYLDI-, (CO-CO)	Octacarbonyldicobalt	10210681	Classified as 'suspected of causing cancer' (GHS H351).	
COBALT, DI-MU-CARBONYLHEXACARBONYLDI-, (CO-CO)	Octacarbonyldicobalt	10210681	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
COBALT, DI-MU-CARBONYLHEXACARBONYLDI-, (CO-CO)	Octacarbonyldicobalt	10210681	Classified as 'fatal if inhaled' (GHS H330).	
COBALT(II) CHLORIDE, HEXAHYDRATE	cobalt dichloride	7646799; 7791131	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT(II) CHLORIDE, HEXAHYDRATE	cobalt dichloride	7646799; 7791131	Classified as 'may cause cancer' (GHS H350).	
COBALT(II) CHLORIDE, HEXAHYDRATE	cobalt dichloride	7646799; 7791131	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT(II) CHLORIDE, HEXAHYDRATE	cobalt dichloride	7646799; 7791131	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'may cause cancer' (GHS H350).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'suspected of causing cancer' (GHS H351).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'fatal if inhaled' (GHS H330).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT(II) HYDROXIDE	Cobalt dihydroxide	21041930	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT(II) NITRATE (1:2)	Cobalt dinitrate	10026229; 10141056	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT(II) NITRATE (1:2)	Cobalt dinitrate	10026229; 10141056	Classified as 'may cause cancer' (GHS H350).	
COBALT(II) NITRATE (1:2)	Cobalt dinitrate	10026229; 10141056	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT(II) NITRATE (1:2)	Cobalt dinitrate	10026229; 10141056	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulfate and other soluble cobalt(II) salts	10026241	Possibly carcinogenic to humans' IARC (Category 2B, Volume 86 2006)	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulfate heptahydrate	10026241	California Proposition 65 listed for cancer	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulphate	10026241; 10124433	Classified as 'suspected of causing genetic defects' (GHS H341).	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulphate	10026241; 10124433	Classified as 'may cause cancer' (GHS H350).	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulphate	10026241; 10124433	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
COBALT(II) SULFATE (1:1), HEPTAHYDRATE	Cobalt sulphate	10026241; 10124433	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COBALTATE(2-), ((N,N'-1,2-ETHANEDIYL)BIS(N-(CARBOXYMETHYL)GLYCINATO))[(4-)-N,N',O,O',O(SUP N),	Cobalt disodium ethylenediaminetetraacetate	15137094	Classified as 'suspected of causing cancer' (GHS H351).	
COCAMIDE DEA	COCAMIDE DEA	68603429	Ethanolamines can cause asthma, and contain harmful impurities	
COCAMIDE DEA	Coconut oil diethanolamine condensate	68603429	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
COCAMIDE DEA	Coconut oil diethanolamine condensate	68603429	Listed as an IARC Group 2B Carcinogen	
COCAMIDE MEA	COCAMIDE MEA	68140001	Ethanolamines can cause asthma, and contain harmful impurities	
COCAMIDOPROPYL PG-DIMONIUM CHLORIDE	COCAMIDOPROPYL PGDIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
COCOALKONIUM CHLORIDE	COCOALKONIUM CHLORIDE	61789717	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
COCOBETAINAMIDO AMPHOPROPIONATE	Quaternary ammonium compounds	100085641	EWG Verified doesn't allow products to use nonspecific ingredient names.	
COCOTRIMONIUM CHLORIDE	COCOTRIMONIUM CHLORIDE	61789182	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
COCOTRIMONIUM CHLORIDE	Quaternary ammonium compounds, coco alkyltrimethyl, chlorides	61789182	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
COCOTRIMONIUM METHOSULFATE	COCOTRIMONIUM METHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
COCOYL HYDROXYETHYL IMIDAZOLINE	1Himidazole1ethanol, 4,5dihydro, 2norcoco alkyl derivs.	61791386	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
COCOYL HYDROXYETHYL IMIDAZOLINE	1Himidazole1ethanol, 4,5dihydro, 2norcoco alkyl derivs.	61791386	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COCOYL SARCOSEINE	Glycine, Nmethyl, Ncoco acyl derivs.	68411972	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CODEINONE, 14-HYDROXY-	(5_)7,8didehydro4,5epoxy14hydroxy3methoxy17methylmorphinan6one	508543	Classified as 'fatal in contact with skin' (GHS H310).	
CODEINONE, 14-HYDROXY-	(5_)7,8didehydro4,5epoxy14hydroxy3methoxy17methylmorphinan6one	508543	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
COLCHICINE	colchicine	64868	California Proposition 65 listed for developmental, male	
COLCHICINE	Colchicine, its salts and derivatives	64868	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COLCHICINE	Colchicine, its salts and derivatives	64868	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COLCHICINE, 10-DEMETHOXY-10-METHYLTHIO-	Thiocolchicine	2730714	Classified as 'fatal if inhaled' (GHS H330).	
COLCHICINE, 10-DEMETHOXY-10-METHYLTHIO-	Thiocolchicine	2730714	Classified as 'may cause genetic defects' (GHS H340).	
COLCHICOSIDE	Colchicoside and its derivatives	477292	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COLCHICOSIDE	Colchicoside and its derivatives	477292	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COLISTIN	Colistin	1066177	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
COLISTIN	Colistin	1066177	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
COLONY-STIMULATING FACTOR (HUMAN CLONE 1034), N-L-METHIONYL-	Filgrastim	121181531	California Proposition 65 listed for developmental	
complex fluorinated surfactants	complex fluorinated surfactants		EWG Verified doesn't allow products to use nonspecific ingredient names.	
CONIUM MACULATUM ROOT EXTRACT	Conium maculatum L. (fruit, powder, galenical preparations)	85116752	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CONJUGATED ESTROGENIC HORMONES	Conjugated estrogens	12126599	California Proposition 65 listed for developmental	
CONJUGATED ESTROGENIC HORMONES	Conjugated estrogens	12126599	California Proposition 65 listed for cancer	
CONVALLATOXIN	Convallatoxin	508758	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CONVALLATOXIN	Convallatoxin	508758	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COPPER ALLOY, CU,BE	Beryllium Compounds	11133985	Listed on the 14th Report on Carcinogens as a known carcinogen	
COPPER ALLOY, CU,BE,CO	Beryllium Compounds	55158446	Listed on the 14th Report on Carcinogens as a known carcinogen	
COPPER ALLOY, CU,CD	Cadmium Compounds	37364060	Listed on the 14th Report on Carcinogens as a known carcinogen	
COPPER CHLORIDE	copper chloride	7758896	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
COPPER CHLORIDE	copper chloride	7758896	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER CYANIDE	Copper cyanide	544923	Classified as 'fatal in contact with skin' (GHS H310).	
COPPER CYANIDE	Copper cyanide	544923	Classified as 'fatal if inhaled' (GHS H330).	
COPPER CYANIDE	Copper cyanide	544923	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	544923	California Prop65 Chemical (male)	
COPPER GLUCONATE	Copper diDgluconate	527093	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER OXIDE	Copper oxide	1317380; 1344703	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER OXIDE	Copper oxide	1317380; 1344703	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER OXIDE	dicopper oxide	1317391	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER PCA	Bis(5oxoLprolinatoN1,O2)copper	15454747	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(1+) THIOCYANATE	Copper thiocyanate	1111677	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(2+) CHLORIDE DIHYDRATE	Copper dichloride	7447394; 10125130	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(II) CHLORIDE HYDROXIDE	Dicopper chloride trihydroxide	1332656	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
COPPER(II) CHLORIDE HYDROXIDE	Dicopper chloride trihydroxide	1332656	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(II) CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	14763770	California Prop65 Chemical (male)	
COPPER(II) METHANESULFONATE	copper(II) methanesulfonate	54253622	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(II) NITRATE, TRIHYDRATE (1:2:3)	Copper dinitrate	3251238; 10031433	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
COPPER(II) NITRATE, TRIHYDRATE (1:2:3)	Copper dinitrate	3251238; 10031433	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
COPPER(II) SULFATE, PENTAHYDRATE (1:1:5)	copper sulphate	7758987; 7758998	Classified as 'may cause cancer' (GHS H350).	
COPPER(II) SULFATE, PENTAHYDRATE (1:1:5)	copper sulphate	7758987; 7758998	Classified as 'may damage fertility or the unborn child' (GHS H360).	
COPPER(II) SULFATE, PENTAHYDRATE (1:1:5)	copper sulphate	7758987; 7758998	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CORUNDUM	Aluminum Oxide, Corundum	1302745	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
CORUNDUM	Aluminum Oxide, Corundum	1302745	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
COSTUS OIL	Costus root oil (Saussurea lappa Clarke), when used as a fragrance ingredient	8023889	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COSTUS OIL	Costus root oil, absolute and concrete	8023889	Prohibited by the International Fragrance Association for use in fragrance.	
COUMARIN, 3-(3-(4'-BROMO-1,1'-BIPHENYL-4-YL)-3-HYDROXY-1-PHENYLPROPYL)-4-HYDROXY-	COUMARIN, 3-(3-(4'-BROMO-1,1'-BIPHENYL-4-YL)-3-HYDROXY-1-PHENYLPROPYL)-4-HYDROXY-	28772567	Europe prohibits this ingredient in cosmetics	
COUMARIN, 3-(ALPHA-ACETONYL-P-NITROBENZYL)-4-HYDROXY-	Acenocoumarol	152727	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COUMARIN, 3-(ALPHA-ACETONYL-P-NITROBENZYL)-4-HYDROXY-	Acenocoumarol (INN)	152727	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-	Warfarin	81812	California Proposition 65 listed for developmental	
COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-	Warfarin	81812	Classified as 'fatal in contact with skin' (GHS H310).	
COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-	Warfarin	81812	Classified as 'fatal if inhaled' (GHS H330).	
COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-	Warfarin (INN) and its salts	81812	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 3-(ALPHA-ACETONYLBENZYL)-4-HYDROXY-	Warfarin and its salts	81812	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COUMARIN, 3-(ALPHA-ETHYLBENZYL)-4-HYDROXY-	Phenprocoumon	435972	California Proposition 65 listed for developmental	
COUMARIN, 3-(ALPHA-ETHYLBENZYL)-4-HYDROXY-	Phenprocoumon	435972	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COUMARIN, 3-(ALPHA-ETHYLBENZYL)-4-HYDROXY-	Phenprocoumon (INN)	435972	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 4-HYDROXY-3-(ALPHA-NAPHTHYL)-	3 (1Naphthyl)4hydroxycoumarin	39923416	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 4-HYDROXY-3-(ALPHA-NAPHTHYL)-	3(αNaphthyl)4hydroxycoumarin	39923416	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COUMARIN, 7-METHYL-	7 Methylcoumarin, when used as a fragrance ingredient	2445832	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 7-METHYL-	7Methylcoumarin	2445832	Prohibited by the International Fragrance Association for use in fragrance.	
COUMARIN, 8-TERT-BUTYL-4,6-DIMETHYL-	4,6 Dimethyl8tertbutylcoumarin, when used as a fragrance ingredient	17874349	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
COUMARIN, 8-TERT-BUTYL-4,6-DIMETHYL-	4,6Dimethyl8tertbutylcoumarin	17874349	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
COUMARIN, 8-TERT-BUTYL-4,6-DIMETHYL-	4,6Dimethyl8tertbutylcoumarin (Butolia)	17874349	Prohibited by the International Fragrance Association for use in fragrance.	
COUMATETRALYL	COUMATETRALYL	5836293	Europe prohibits this ingredient in cosmetics	
CREOSOTE	Creosote	8021394; 8001589	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CREOSOTE	Creosote	8001589	EPA IRIS 'probable carcinogen'.	
CREOSOTE OIL, HIGH-BOILING DISTILLATE	Creosote oil, high boiling distillate, wash oil, if it contains > 0.005 % w/w benzo[a]pyrene	70321798	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CRIMIDINE	2 Chloro6methylpyrimidin4yldimethylamine (crimidine)SO	535897	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CRIMIDINE	crimidine	535897	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CROTON OIL	Croton tiglium L. (oil)	8001283	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CROTON OIL	Croton tiglium oil	8001283	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CROTONALDEHYDE	Crotonaldehyde	123739	EPA IRIS 'possible carcinogen'.	
CROTONALDEHYDE	Crotonaldehyde	4170303	Classified as 'suspected of causing genetic defects' (GHS H341).	
CROTONALDEHYDE	Crotonaldehyde	4170303	Classified as 'fatal in contact with skin' (GHS H310).	
CROTONALDEHYDE	Crotonaldehyde	4170303	Classified as 'toxic in contact with skin' (GHS H311).	
CROTONALDEHYDE	Crotonaldehyde	4170303	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CROTONALDEHYDE	Crotonaldehyde [1]; (E) crotonaldehyde [2]	4170303; 123739	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CROTONALDEHYDE	CROTONALDEHYDE	123739	Possibly carcinogenic to humans' IARC (Category 2B, Volume 128, 2021)	
CROTONIC ACID, (E)-	transcrotonic acid	107937	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CROTONIC ACID, METHYL ESTER, (E)-	Methyl crotonate	623438	Prohibited by the International Fragrance Association for use in fragrance.	
CROTONIC ACID, METHYL ESTER, (E)-	Methyl trans 2butenoate, when used as a fragrance ingredient	623438	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CROTONIC ACID, METHYL ESTER, (E)-	Methyltrans2butenoate	623438	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CROTONIC ANHYDRIDE	2butenoic anhydride	623687	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CRYPTOCARYA MASSOY BARK EXTRACT	MASSOIA BARK OIL	85085263	Prohibited by the International Fragrance Association for use in fragrance.	
Cumene	Cumene	98-82-8	This ingredient is banned the European Union	X
CUPRATE(4-), (MU-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO-4-	C.I. Direct Blue 218	28407376	California Proposition 65 listed for cancer	
CUPRATE(4-), (MU-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO-4-	Tetrasodium [[[3,3'[[3,3'dihydroxy(1,1'biphenyl)4,4'diy]bis(azo)]bis[5amino4hydroxynaphthalene2,7disulphonato]](8))]dicuprate(4)	28407376	Classified as 'may cause cancer' (GHS H350).	
CUPRATE(4-), (MU-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO-4-	Tetrasodium [[[3,3'[[3,3'dihydroxy(1,1'biphenyl)4,4'diy]bis(azo)]bis[5amino4hydroxynaphthalene2,7disulphonato]](8))]dicuprate(4)	28407376	Classified as 'suspected of causing cancer' (GHS H351).	
CUPRATE(4-), (MU-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO-4-	CUPRATE(4-), (MU-((3,3'-((3,3'-DIHYDROXY(1,1'-BIPHENYL)-4,4'-DIYL)BIS(AZO))BIS(5-AMINO-4-	28407376	Possibly carcinogenic to humans' IARC (Category 2B, Volume 129, 2022)	
CUPRIC ACETATE	Copper di(acetate)	142712; 6046931	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CUPRIC ACETATE	Copper di(acetate)	142712; 6046931	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CUPRIC CHLORIDE	Copper dichloride	7447394; 10125130	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CUPRIC SULFATE	copper sulphate	7758987; 7758998	Classified as 'may cause cancer' (GHS H350).	
CUPRIC SULFATE	copper sulphate	7758987; 7758998	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CUPRIC SULFATE	copper sulphate	7758987; 7758998	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CUPRIC SULFATE	cupric sulfate	7758987	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CURARE	Curare	8063067	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CURARE	Curare and curarine	8063067; 22260420	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CURARINE	Curare and curarine	8063067; 22260420	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CURARINE	Curarine	22260420	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Curry Red (Uncertified FD&C Red No. 40)	Uncertified color additives subject to batch certification	25956176	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
CYANAMIDE	Cyanamide	420042	Classified as 'suspected of causing cancer' (GHS H351).	
CYANAMIDE	Cyanamide	420042	Classified as 'toxic in contact with skin' (GHS H311).	
CYANAMIDE	Cyanamide	420042	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYANAZINE	Cyanazine	21725462	California Proposition 65 listed for developmental	
CYANOGEN BROMIDE	Cyanogen bromide	506683	Classified as 'fatal in contact with skin' (GHS H310).	
CYANOGEN BROMIDE	Cyanogen bromide	506683	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYANOGEN BROMIDE	Cyanogen bromide	506683	Classified as 'fatal if inhaled' (GHS H330).	
CYANOGEN BROMIDE	Cyanogen bromide	506683	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
CYANOGEN CHLORIDE	Cyanogen chloride	506774	Classified as 'fatal in contact with skin' (GHS H310).	
CYANOGEN CHLORIDE	Cyanogen chloride	506774	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYANOGEN CHLORIDE	Cyanogen chloride	506774	Classified as 'fatal if inhaled' (GHS H330).	
CYANOGINOSIN LA, 5-L-ARGININE-	MicrocystinLR	101043372	Possibly carcinogenic to humans' IARC (Category 2B, Volume 94 2010)	
CYCLAMEN ALDEHYDE	3(pcumenyl)2methylpropionaldehyde	6658486; 67715804	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CYCLAMEN ALDEHYDE	3pcumenyl2methylpropionaldehyde	103957	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CYCLOBUTANECARBOXYLIC ACID	Cyclobutanecarboxylic acid	3721957	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLODODECANE, 1,2,5,6,9,10-HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CYCLODODECANE, 1,2,5,6,9,10-HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'may cause harm to breastfed children' (GHS H362).	
CYCLODODECANE, 1,2,5,6,9,10-HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLODODECANE, HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CYCLODODECANE, HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'may cause harm to breastfed children' (GHS H362).	
CYCLODODECANE, HEXABROMO-	Hexabromocyclododecane	25637994	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLOHEXANAMINIUM, 4,4'-METHYLENEBIS(N,N,N-TRIMETHYL-, DIODIDE, MIXT. WITH 2-(DIMETHYLAMINO)	Reaction mass of 2methylpropanol and butanol; Einsatz Gasphasenhydrierung 1; Fertigprodukt Gasphasenhydrierung 1; K 5101 Sumpf aus Butanol III/2; K 5115 Kopf Butanol III/1; K 8431 Kopf aus 2EHVL; n/Butanol Einsatz Butanol II aus T.61; T.61	66424279	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOHEXANE	cyclohexane	110827	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOHEXANE	cyclohexane	110827	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-	Hexachlorocyclohexane = HCH mixed	608731	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-	technical Hexachlorocyclohexane (tHCH)	608731	EPA IRIS 'probable carcinogen'.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, ALPHA-ISOMER	alphaHexachlorocyclohexane (alphaHCH)	319846	EPA IRIS 'probable carcinogen'.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, BETA-ISOMER	BetaHCH	319857	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, BETA-ISOMER	betaHexachlorocyclohexane (betaHCH)	319857	EPA IRIS 'possible carcinogen'.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	1,2,3,4,5,6 Hexachlorocyclohexane (BHClSO)	58899	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	GammaHCH (Lindane)	58899	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Hexachlorocyclohexane (gamma isomer)	58899	California Proposition 65 listed for cancer	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Lindane	58899	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Lindane (see also Hexachlorocyclohexanes)	58899	Carcinogenic to humans' IARC (Category 1, Volume 113 2018)	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Lindane (see Lindane, Hexachlorocyclohexane [Technical Grade], and Other Hexachlorocyclohexane Isomers)	58899	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Lindane (see also Hexachlorocyclohexanes)	58899	Listed as an IARC Group 1 Carcinogen	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Lindane	58899	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, GAMMA-ISOMER	Hexachlorocyclohexane	58899	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
CYCLOHEXANE, 1,3-BIS(AMINOMETHYL)-	1,3Cyclohexanedimethanamine	2579206	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXANE, ETHYL	Ethylcyclohexane	1678917	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOHEXANE, VINYL-	Vinylcyclohexane	695125	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXANE, VINYL-	Vinylcyclohexane	695125	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLOHEXANECACETIC ACID, 1-(HYDROXYMETHYL)-, SODIUM SALT	Sodium hexacyclonate	7009496	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOHEXANECACETIC ACID, 1-(HYDROXYMETHYL)-, SODIUM SALT	Sodium hexacyclonate (INN)	7009496	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOHEXANECARBAMIC ACID, N-ETHYLTHIO-, S-ETHYL ESTER	Cycloate	1134232	California Proposition 65 listed for developmental	
CYCLOHEXANECARBONITRILE	Cyclohexanecarbonitrile	766052	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXANEDIAMINE TETRAACETIC ACID	CYCLOHEXANEDIAMINE TETRAACETIC ACID	482542	Non readily biodegradable chelating agent.	
CYCLOHEXANOL, 1-(2-(DIMETHYLAMINO)-1-(4-METHOXYPHENYL)ETHYL)-	1[2(dimethylamino)1(4methoxyphenyl)ethyl]cyclohexanol	93413695	Classified as 'may damage fertility or the unborn child' (GHS H360).	
CYCLOHEXANOL, 1-(2-(DIMETHYLAMINO)-1-(4-METHOXYPHENYL)ETHYL)-	1[2(dimethylamino)1(4methoxyphenyl)ethyl]cyclohexanol	93413695	Classified as 'may cause harm to breastfed children' (GHS H362).	
CYCLOHEXANOL, 1-ETHYNYL-	1ETHYNYLCYCLOHEXANOL	78273	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXANOL, 2-(DIMETHYLAMINOMETHYL)-1-(M-METHOXYPHENYL)-	Tramadol	27203925	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOHEXANOL, 2-(DIMETHYLAMINOMETHYL)-1-(M-METHOXYPHENYL)-	Tramadol	27203925	Classified as 'may cause drowsiness or dizziness' (GHS H336).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CYCLOHEXANONE, 2-PENTYLIDENE-	2 Pentylidene cyclohexanone, when used as a fragrance ingredient	25677401	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOHEXANONE, 2-PENTYLIDENE-	2Pentylidene cyclohexanone	25677401	Prohibited by the International Fragrance Association for use in fragrance.	
CYCLOHEXANONE, 2-PENTYLIDENE-	2Pentylidene cyclohexanone	25677401	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOHEXANONE, 4-METHYL-	4METHYLCYCLOHEXANONE	589924	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXASILOXANE	CYCLOHEXASILOXANE	540976	Cyclic siloxanes are considered Substances of Very high Concern in the European Union due to their environmental persistence and ability to bioaccumulate. One cyclic siloxane, cyclotetrasiloxane, or D4, is also a reproductive toxicant and can contaminate other cyclic siloxanes.	X
CYCLOHEXENE	Cyclohexene	110838	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHYL)	4Isopropyl1methylcyclohexene	5502885	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLOHEXIMIDE	Cycloheximide	66819	California Proposition 65 listed for developmental	
CYCLOHEXIMIDE	Cycloheximide	66819	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOHEXYLAMINE	cyclohexylamine	108918	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXYLAMINE	cyclohexylamine	108918	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXYLAMINE, 4,4'-METHYLENEBIS-	4,4'methylenebis(cyclohexylamine)	1761713	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXYLAMINE, 4,4'-METHYLENEBIS-	4,4'methylenebis(cyclohexylamine)	1761713	Classified as 'fatal if inhaled' (GHS H330).	
CYCLOHEXYLAMINE, N-ETHYL-	Cyclohexyl(ethyl)amine	5459938	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXYLAMINE, N-ETHYL-	Cyclohexyl(ethyl)amine	5459938	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXYLAMINE, N-METHYL-	Cyclohexyl(methyl)amine	100607	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXYLAMINE, N-METHYL-	Cyclohexyl(methyl)amine	100607	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXYLAMINE, N-METHYL-	Cyclohexyl(methyl)amine	100607	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOHEXYLAMINE, N,N-DIMETHYL-	Cyclohexyldimethylamine	98942	Classified as 'fatal in contact with skin' (GHS H310).	
CYCLOHEXYLAMINE, N,N-DIMETHYL-	Cyclohexyldimethylamine	98942	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOHEXYLAMINE, N,N-DIMETHYL-	Cyclohexyldimethylamine	98942	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOHEXYLAMINE, N,N-DIMETHYL-	Cyclohexyldimethylamine	98942	Classified as 'fatal if inhaled' (GHS H330).	
CYCLOHEXYLAMINE, N,N-DIMETHYL-	Cyclohexyldimethylamine	98942	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOPENTA(CD)PYRENE	Cyclopenta[<math>c,d</math>]pyrene	27208373	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 92 2010)	
CYCLOPENTA(CD)PYRENE	Cyclopenta[cd]pyrene	27208373	California Proposition 65 listed for cancer	
CYCLOPENTANE	cyclopentane	287923	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOPENTANE, METHYL-	methylcyclopentane	96377	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOPENTANE, METHYL-	methylcyclopentane	96377	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOPENTANE, METHYL-	methylcyclopentane	96377	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
CYCLOPENTANECARBOXYLIC ACID, 1-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER	Caramiphen (INN) and its salts	77225	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOPENTANECARBOXYLIC ACID, 1-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER	Caramiphen and its salts	77225; 125859	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOPENTANECARBOXYLIC ACID, 1-PHENYL-, 2-(DIETHYLAMINO)ETHYL ESTER, HYDROCHLORIDE	Caramiphen and its salts	77225; 125859	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOPENTANEHEPTANOIC ACID, 3-HYDROXY-2-(3-HYDROXY-1-OCTENYL)-5-OXO-, L-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOPENTASILOXANE	CYCLOPENTASILOXANE	541026	Addition	
CYCLOPENTENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	142290	Classified as 'may cause genetic defects' (GHS H340).	
CYCLOPENTENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	142290	Classified as 'may cause cancer' (GHS H350).	
CYCLOPENTENE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	142290	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
CYCLOPENTENE	1,2,3-triethylbenzene; 1-methylcyclopentene; benzene; cyclopentene; methylcyclohexane	142290	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
CYCLOPENTYL CHLOROFORMATE	cyclopentyl chloroformate	50715281	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOPENTYLAMINE	Cyclopentylamine	1003038	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOPENTYLAMINE	Cyclopentylamine	1003038	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOPROPANAMINE	Cyclopropylamine	765300	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOPROPANAMINE	Cyclopropylamine	765300	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
CYCLOPROPANECARBOXYLIC ACID	Cyclopropanecarboxylic acid	1759531	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOPROPANECARBOXYLIC ACID, 3-(2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL)-2,2-DIMETHYL-, (2-	Bifenthrin (@Talstar)	82657043	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOPROPANECARBOXYLIC ACID, 3-(2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL)-2,2-DIMETHYL-, CYANO(3-	cyhalothrin; Reaction mass of (R)ciano(3phenoxyphenyl)methyl rel(1R,3R)3((1Z)2chloro3,3,3trifluoroprop1en1yl)2,2dimethylcyclopropanecarboxylate and (R)ciano(3phenoxyphenyl)methyl rel(1S,3S)3((1Z)2chloro3,3,3trifluoroprop1en1	68085858	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOPROPANECARBOXYLIC ACID, 3-(2-CHLORO-3,3,3-TRIFLUORO-1-PROPENYL)-2,2-DIMETHYL-, CYANO(3-	cyhalothrin; Reaction mass of (R)ciano(3phenoxyphenyl)methyl rel(1R,3R)3((1Z)2chloro3,3,3trifluoroprop1en1yl)2,2dimethylcyclopropanecarboxylate and (R)ciano(3phenoxyphenyl)methyl rel(1S,3S)3((1Z)2chloro3,3,3trifluoroprop1en1	68085858	Classified as 'fatal if inhaled' (GHS H330).	
CYCLOPROPANECARBOXYLIC ACID, METHYL ESTER	Methyl cyclopropanecarboxylate	2868373	Classified as 'toxic in contact with skin' (GHS H311).	
CYCLOPROPANECARBOXYLIC ACID, METHYL ESTER	Methyl cyclopropanecarboxylate	2868373	Classified as 'toxic if inhaled' (GHS H331).	
CYCLOPROPANEMETHANOL	Cyclopropylmethanol	2516338	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CYCLOPROPANEMETHANOL	Cyclopropylmethanol	2516338	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOPROPYLAMINE, 2-PHENYL-, TRANS-(+)-	Tranlycypromine (INN) and its salts	155099	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
CYCLOPROPYLAMINE, 2-PHENYL-, TRANS-(+)-	Tranlycypromine and its salts	155099	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
CYCLOSPORIN	Ciclosporin (Cyclosporin A; Cyclosporine)	59865133; 79217600	California Proposition 65 listed for cancer	
CYCLOSPORIN	Cyclosporine	79217600	Carcinogenic to humans' IARC (Category 1, Volume 50, 100A 2012)	
CYCLOSPORIN A	Ciclosporin (Cyclosporin A; Cyclosporine)	59865133; 79217600	California Proposition 65 listed for cancer	
CYCLOSPORIN A	Ciclosporin (see Cyclosporine)	59865133	Carcinogenic to humans' IARC (Category 1, Volume 50, 100A 2012)	
CYCLOSPORIN A	Cyclosporin A	59865133	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
CYCLOSPORIN A	Cyclosporine	79217600	Carcinogenic to humans' IARC (Category 1, Volume 50, 100A 2012)	
CYCLOSPORIN A	Cyclosporin A	59865133	Listed on the 14th Report on Carcinogens as a known carcinogen	
CYCLOTETRASILOXANE	Cyclotetrasiloxane	556672	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOTETRASILOXANE	Cyclotetrasiloxane	556672	EWG F scoring ingredient under any condition of use.	
CYCLOTETRASILOXANE	Cyclotetrasiloxane	556672	Cyclic siloxanes are considered Substances of Very high Concern in the European Union due to their environmental persistence and ability to bioaccumulate. One cyclic siloxane, cyclotetrasiloxane, or D4, is also a reproductive toxicant and can contaminate other cyclic siloxanes.	X
CYCLOTETRASILOXANE	octamethylcyclotetrasiloxane	556672	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
CYCLOTETRASILOXANE, 2,6-DIPHENYLHEXAMETHYL-, Z-	2,6-cis-Diphenylhexamethylcyclotetrasiloxane 2,6-cis[(PhMeSiO)2(Me2SiO)2]	33204761	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
CYCLOTETRISILAZANE, 2,2,4,4,6,6-HEXAMETHYL-	2,2,4,4,6,6-hexamethylcyclotrisilazane	1009934	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
CYCLOTETRISILOXANE	Cyclotrisiloxane	541059	Cyclic siloxanes are considered Substances of Very high Concern in the European Union due to their environmental persistence and ability to bioaccumulate. One cyclic siloxane, cyclotetrasiloxane, or D4, is also a reproductive toxicant and can contaminate other cyclic siloxanes.	X
CYHEXATIN	Cyhexatin	13121705	California Proposition 65 listed for developmental	
CYTIDINE, 2',3'-DIDEOXY-	Zalcitabine	7481892	California Proposition 65 listed for cancer	
CYTIDINE, 2',3'-DIDEOXY-	Zalcitabine	7481892	Possibly carcinogenic to humans' IARC (Category 2B, Volume 76 2000)	
CYTOSINE, 1-BETA-D-ARABINOFURANOSYL-	Cytarabine	147944	California Proposition 65 listed for developmental	
CYTOSINE, 5-FLUORO-	Flucytosine	2022857	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
d-alpha-PINENE	(+)-pin2(3)ene	7785708	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
D-D	(Z)1,3dichloropropene	10061015	Classified as 'toxic in contact with skin' (GHS H311).	
D-D	(Z)1,3dichloropropene	10061015	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
D-ERYTHRO-D-GALACTO-OCTOPYRANOSIDE, METHYL 6,8-DIDEOXY-6-(1-METHYL-4-PROPYL-L-2-	Methyl (2Strans)6,8dideoxy6[[[(1methyl4propylpyrrolidin2yl)carbonyl]amino]1thio Derythro_Dgalactooctopyranoside monohydrochloride	859187	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
D-GLUCURONIC ACID, COMPD. WITH 5-METHYL-6-((3,4,5-TRIMETHOXYPHENYL)AMINO)METHYL)-2,4-	Trimetrexate glucuronate	82952645	California Proposition 65 listed for developmental	
d-PULEGONE	PULEGONE	89827	California Proposition 65 listed for cancer	
d-PULEGONE	PULEGONE	89827	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
d-PULEGONE	PULEGONE	89827	Listed as an IARC Group 2B Carcinogen	
d-PULEGONE	PULEGONE	89827	California Prop65 Chemical (cancer)	
D-STREPTAMINE, O-3-AMINO-3-DEOXY-ALPHA-D-GLUCOPYRANOSYL-(1-6)-O-(6-AMINO-6-DEOXY-ALPHA-D-	Amikacin	37517285	Classified as 'may damage fertility or the unborn child' (GHS H360).	
D-STREPTAMINE, O-3-AMINO-3-DEOXY-ALPHA-D-GLUCOPYRANOSYL-(1-6)-O-(6-AMINO-6-DEOXY-ALPHA-D-	Amikacin sulfate	39831555	California Proposition 65 listed for developmental	
D-STREPTAMINE, O-3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-BETA-L-ARABINOPYRANOSYL-(1-6)-O-(2,6-	Netilmicin sulfate	56391572	California Proposition 65 listed for developmental	
D-STREPTAMINE, O-3-DEOXY-4-C-METHYL-3-(METHYLAMINO)-BETA-L-ARABINOPYRANOSYL-(1-6)-O-(2,6-	Sisomicin	32385118	Classified as 'may damage fertility or the unborn child' (GHS H360).	
D&C Black No. 3 (CI 77267)	D&C Black No. 3	8021996	EWG prohibits animalderived substances which require destruction of the animal. D&C Black No. 3 is produced from bones.	
D&C Brown No. 1 (CI 20170)	Acid Orange 24 (CI 20170), when used as a substance in hair dye products	1320076	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
D&C Brown No. 1 (CI 20170)	D&C Brown No. 1	1320076	This ingredient is prohibited in cosmetics in Europe.	
D&C Green No. 6 (CI 61565)	D&C Green No. 6	128803	This ingredient may be persistent, bioaccumulative and toxic.	
D&C Orange No. 4 (CI 15510)	D&C Orange No. 4	633965	According to the classification provided by companies to ECHA in REACH registrations and CLP notifications this substance causes damage to organs through prolonged or repeated exposure.	
D&C Orange No. 5 (CI 45370)	D&C Orange No. 5	5960302	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Orange No. 5 (CI 45370) Lake	D&C Orange No. 5		EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Orange No. 5 (CI 45370) Zirconium Lake	D&C Orange No. 5		EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C RED 8	D&C Red 8	2092560	Known to the state of California to cause cancer.	
D&C Red No. 17 (CI 26100)	D&C Red No. 17	85869	This ingredient is persistent, bioaccumulative and toxic.	
D&C Red No. 17 (CI 26100) Calcium Lake	D&C Red No. 17	85869	This ingredient is persistent, bioaccumulative and toxic.	
D&C Red No. 30 (CI 73360)	D&C Red No. 30	2379740	This ingredient is persistent, bioaccumulative and toxic.	
D&C Red No. 30 (CI 73360)	D&C Red No. 30	2379740	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Red No. 30 (CI 73360) Calcium Lake	D&C Red No. 30	2379740	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Red No. 30 (CI73360) Lake	D&C Red No. 30	2379740	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Red No. 36 (CI 12085)	D&C Red No. 36	2814779	This ingredient is persistent, bioaccumulative and toxic.	
D&C Red No. 36 (CI 12085)	D&C Red No. 36	2814779	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Red No. 36 (CI 12085) Barium Lake	D&C Red No. 36		EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Red No. 36 (CI 12085) Lake	D&C Red No. 36		EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
D&C Violet No. 2 (CI 60725)	D&C Violet 2	81481	EWG F scoring ingredient under any condition of use.	
DAIDA403	Oil Orange SS	2646175	California Proposition 65 listed for cancer	
DAIDA403	Oil Orange SS	2646175	Possibly carcinogenic to humans' IARC (Category 2B, Volume 8, Sup 7 1987)	
DAMINOZIDE	Daminozide	1596845	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DAMINOZIDE	Daminozide	1596845	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DAUNOMYCIN	Daunomycin	20830813	California Proposition 65 listed for cancer	
DAUNOMYCIN	Daunomycin	20830813	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
DAUNOMYCIN, 4-DEMETHOXY-, HYDROCHLORIDE	Idarubicin hydrochloride	57852570	California Proposition 65 listed for developmental, male	
DAUNOMYCIN, HYDROCHLORIDE	Daunorubicin hydrochloride	23541506	California Proposition 65 listed for developmental	
DDT	Clofenotane	50293	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DDT	Clofenotane (INN); DDT (ISO)	50293	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DDT	DDT (4,4'dichlorodiphenyltrichloroethane)	50293	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 53, 113 2018)	
DDT	DDT (Dichlorodiphenyltrichloroethane)	50293	California Proposition 65 listed for cancer	
DDT	DDT (technical) = clofenotane	50293	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DDT	Dichlorodiphenyltrichloroethane	50293	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DDT	p,p'DDT	50293	California Proposition 65 listed for developmental, female, male	
DDT	p,p'DDT = clofenotane	50293	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DDT	p,p'Dichlorodiphenyltrichloroethane (DDT)	50293	EPA IRIS 'probable carcinogen'.	
DDT	DDT (4,4'dichlorodiphenyltrichloroethane)	50293	Listed as an IARC Group 2A Carcinogen	
DDT	Dichlorodiphenyltrichloroethane	50293	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DEA PG-PROPYL PEG/PPG-18/21 DIMETHICONE	DEA PGPROPYL PEG/PPG18/21 DIMETHICONE		Ethanolamines can cause asthma, and contain harmful impurities	
DEA-C8-18 PERFLUOROALKYLETHYL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
DEA-CETEARETH-2 PHOSPHATE	DEACETEARETH2 PHOSPHATE		Ethanolamines can cause asthma, and contain harmful impurities	
DEA-DODECYLBENZENESULFONATE	DEADODECYLBENZENESULFONATE	26545539	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-LAURETH SULFATE	DEALAURETH SULFATE	58855360	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-10 PHOSPHATE	DEAOLETH10 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-10 PHOSPHATE	DEAOLETH20 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-10 PHOSPHATE	DEAOLETH3 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-10 PHOSPHATE	DEAOLETH5 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-20 PHOSPHATE	DEAOLETH20 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-3 PHOSPHATE	DEAOLETH3 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-OLETH-5 PHOSPHATE	DEAOLETH5 PHOSPHATE	58855633	Ethanolamines can cause asthma, and contain harmful impurities	
DEA-PEG-4 LAURATE	DEAPEG4 LAURATE		Ethanolamines can cause asthma, and contain harmful impurities	
DEA-POLYPERFLUOROETHOXYMETHOXY PEG-2 PHOSPHATE	DEAPOLYPERFLUOROETHOXYMETHOXY PEG2 PHOSPHATE		Ethanolamines can cause asthma, and contain harmful impurities	
DEA-STYRENE/ACRYLATES/DIVINYLBENZENE COPOLYMER	DEASTYRENE/ACRYLATES/DIVINYLBENZENE COPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
DEA-STYRENE/ACRYLATES/DVB COPOLYMER	DEASTYRENE/ACRYLATES/DVB COPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
DECADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
DECAMETHYLCYCLOPENTASILOXANE	cyclic dimethylsiloxanes	69430246	Cyclic siloxanes are considered Substances of Very high Concern in the European Union due to their environmental persistence and ability to bioaccumulate. One cyclic siloxane, cyclotetrasiloxane, or D4, is also a reproductive toxicant and can contaminate other cyclic siloxanes.	X
DECANE	3,7dimethylnonane; 4methyldecane; decane; nonane; undecane	124185	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
DECANE	9methyldecane1ol; butylbenzene; dec1ene; decane1ol; decane	124185	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DECANE, DOCOSAFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
DECANENITRILE	Decanenitrile	1975786	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DECANOIC ACID, NONADEC AFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
DECANOYL CHLORIDE	Decanoyl chloride	112130	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DECENE	9methyldecane1ol; butylbenzene; dec1ene; decane1ol; decane	8720509	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
DECENE	Dec1ene	872059	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DECENE	Decene	25339531	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DECYL ALCOHOL	9methyldecane1ol; butylbenzene; dec1ene; decane1ol; decane	112301	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
DECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethyldecylamine	75881220	California Proposition 65 listed for cancer	
DECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethyldecylamine	75881220	California Prop65 Chemical (cancer)	
DELTAMETHRIN	Deltamethrin	52918635	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DEODORIZED KEROSENE	Kerosine (petroleum)	8008206	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
DEOXYRIBONUCLEASE	Nuclease, deoxyribo	9003989	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
Desmedipham	ethyl 3-phenylcarbamoyloxyphenylcarbamate	13684-56-5	This ingredient is banned the European Union	X
DEXTROMETHORPHAN HBR	Dextromethorphan (INN) and its salts	125713	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DEXTROMETHORPHAN HBR	Dextromethorphan and its salts	125713	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DHEA	Androgenic effects, substances with	58220; 53430	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DI-"ISODECYL" PHTHALATE	Diisodecyl phthalate (DIDP)	68515491; 26761400	California Proposition 65 listed for developmental	
Di-(palm carboxyethyl) hydroxyethyl methylammonium methyl sulfates	Di(palm Carboxyethyl) Hydroxyethyl Methylammonium Methyl Sulfates	157905743	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Di-alkyl quaternary ammonium chlorides (C12-18)	DiAlkyl Quaternary Ammonium Chlorides (c1218)	68391059	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Di-alkyl quaternary ammonium chlorides (C12-18)	Quaternary ammonium compounds, diC1218alkyldimethyl, chlorides	68391059	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Di-alkyl quaternary ammonium chlorides (C12-18)	Quaternary ammonium compounds, diC1218alkyldimethyl, chlorides	68391059	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Di-alkyl quaternary ammonium chlorides (C14-18)	DiAlkyl Quaternary Ammonium Chlorides (c1418)	68002595	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Di-alkyl quaternary ammonium compound, methyl sulfates (C14-18)	DiAlkyl Quaternary Ammonium Compound, Methyl Sulfates (c1418)	68002584	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Di-alkyl quaternary ammonium compound, methyl sulfates (C14-18)	Quaternary ammonium compounds, diC1418alkyldimethyl, Me sulfates	68002584	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DI-ALLATE	Di allate	2303164	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DI-C12-15 ALKYL DIMONIUM CHLORIDE	DIC1215 ALKYL DIMONIUM CHLORIDE	68910565	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DI-T-BUTYLHYDROQUINONE	2,5-DITERTBUTYLHYDROQUINONE	88584	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DI-TEA-OLEAMIDO PEG-2 SULFOSUCCINATE	DITEAOLEAMIDO PEG2 SULFOSUCCINATE		Ethanolamines can cause asthma, and contain harmful impurities	
DI-TERT-BUTYL PEROXIDE	diterbutyl peroxide	110054	Classified as 'suspected of causing genetic defects' (GHS H341).	
DI(BENZOTHIAZOL-2-YL) DISULPHIDE	di(benzothiazol2yl) disulphide	120785	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIACETYL	Butanedione	431038	Classified as 'toxic if inhaled' (GHS H331).	
Dialkyl Sulfosuccinates	Dialkyl Sulfosuccinates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
DIALLYL PHTHALATE	diallyl phthalate	131179	Phthalates are endocrine disrupting compounds.	
DIALLYL PHTHALATE	diallyl phthalate	131179	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIAMMONIUM EDTA	DIAMMONIUM EDTA	20824560	Non readily biodegradable chelating agent.	
DIAMMONIUM HEXACHLOROPLATINATE	Ammonium Hexachloroplatinate (IV)	16919587	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIAMMONIUM HEXACHLOROPLATINATE	diammonium hexachloroplatinate	16919587	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DIAMMONIUM HEXACHLOROPLATINATE	diammonium hexachloroplatinate	16919587	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIAMMONIUM HEXACHLOROPLATINATE	Ammonium Hexachloroplatinate (IV)	16919587	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DIAMMONIUM PHOSPHATE	Diammonium phosphate	7783280	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
DIAMYLHYDROQUINONE	2,5-ditertpentylhydroquinone	79743	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIARSENIC TRIOXIDE	diarsenic trioxide	1327533;7440382	Classified as 'may cause cancer' (GHS H350).	
DIARSENIC TRIOXIDE	diarsenic trioxide	1327533;7440382	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIARSENIC TRIOXIDE	diarsenic trioxide	1327533;7440382	Classified as 'toxic if inhaled' (GHS H331).	
DIARSENIC TRIOXIDE	diarsenic trioxide	1327533;7440382	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIAZINON	Diazinon	333415	Probably carcinogenic to humans' IARC (Category 2A, Volume 112 2017)	
DIAZINON	Diazinon	333415	Listed as an IARC Group 2A Carcinogen	
DIAZOLIDINYL UREA	Diazolidinyl urea	78491028	This ingredient forms formaldehyde which causes allergic skin reactions.	
DIAZOLIDINYL UREA	Diazolinidyl Urea	78491028	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
DIAZOLIDINYL UREA	Diazolinidyl Urea	78491028	Classified as persistent in the Detergents Ingredients Database (DIDlist) and classified as 'harmful to aquatic life with long lasting effects' (GHS H412).	
DIAZOMETHANE	diazomethane	334883	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIBENZ(A,H)ACRIDINE	Dibenz[ <i>a,h</i> ]acridine	226368	Possibly carcinogenic to humans' IARC (Category 2B, Volume 32, Sup 7, 103 2013)	
DIBENZ(A,H)ACRIDINE	Dibenz[ <i>a,h</i> ]acridine	226368	California Proposition 65 listed for cancer	
DIBENZ(A,H)ACRIDINE	Dibenz[ <i>a,h</i> ]acridine (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	226368	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIBENZ(A,H)ACRIDINE	Dibenz[ <i>a,h</i> ]acridine	226368	Listed as an IARC Group 2B Carcinogen	
DIBENZ(A,H)ACRIDINE	Dibenz[ <i>a,h</i> ]acridine	226368	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIBENZ(A,H)ANTHRACENE	Dibenz[ <i>a,h</i> ]anthracene	53703	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 92 2010)	
DIBENZ(A,H)ANTHRACENE	dibenz[ <i>a,h</i> ]anthracene	53703	California Proposition 65 listed for cancer	
DIBENZ(A,H)ANTHRACENE	dibenz[ <i>a,h</i> ]anthracene	53703	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIBENZ(A,H)ANTHRACENE	dibenz[ <i>a,h</i> ]anthracene	53703	EPA IRIS 'probable carcinogen'.	
DIBENZ(A,H)ANTHRACENE	Dibenz[ <i>a,h</i> ]anthracene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	53703	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIBENZ(A,H)ANTHRACENE	dibenz[ <i>a,h</i> ]anthracene	53703	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIBENZ(A,J)ACRIDINE	Dibenz[ <i>a,j</i> ]acridine	224420	Probably carcinogenic to humans' IARC (Category 2A, Volume 32, Sup 7, 103 2013)	
DIBENZ(A,J)ACRIDINE	Dibenz[ <i>a,j</i> ]acridine	224420	California Proposition 65 listed for cancer	
DIBENZ(A,J)ACRIDINE	Dibenz[ <i>a,j</i> ]acridine (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	224420	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIBENZ(A,J)ACRIDINE	Dibenz[ <i>a,j</i> ]acridine	224420	Listed as an IARC Group 2A Carcinogen	
DIBENZ(A,J)ACRIDINE	Dibenz[ <i>a,j</i> ]acridine	224420	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIBENZ(A,J)ANTHRACENE	Dibenz[ <i>a,j</i> ]anthracene	224419	California Proposition 65 listed for cancer	
DIBENZ(A,J)ANTHRACENE	Dibenz[ <i>a,j</i> ]anthracene	224419	California Prop65 Chemical (cancer)	
DIBENZ(B,F)(1,4)OXAZEPINE, 2-CHLORO-11-(1-PIPERAZINYL)-	Amoxapine	14028445	California Proposition 65 listed for developmental	
DIBENZ(C,H)ACRIDINE	Dibenz[ <i>c,h</i> ]acridine	224533	Possibly carcinogenic to humans' IARC (Category 2B, Volume 103 2013)	
DIBENZ(C,H)ACRIDINE	Dibenz[ <i>c,h</i> ]acridine	224533	Listed as an IARC Group 2B Carcinogen	
DIBENZO-P-DIOXIN, 1,2,3,6,7,8-HEXACHLORO-	Hexachlorodibenzodioxin (HxCDD), mixture of 1,2,3,6,7,8HxCDD and 1,2,3,7,8,9HxCDD	57653857	EPA IRIS 'probable carcinogen'.	
DIBENZO-P-DIOXIN, 1,2,3,7,8-PENTACHLORO-	1,2,3,7,8Pentachlorodibenzodioxin	40321764	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIBENZO-P-DIOXIN, HEXACHLORO-	Hexachlorodibenzodioxin	34465468	California Proposition 65 listed for cancer	
DIBENZO(B,DEF)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	189640	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 92 2010)	
DIBENZO(B,DEF)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	189640	California Proposition 65 listed for cancer	
DIBENZO(B,DEF)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	189640	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIBENZO(B,DEF)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	189640	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIBENZO(B,E)(1,4)DIOXIN, 2,3,7,8-TETRABROMO-	2,3,7,8TeBDD	50585416	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIBENZO(DEF,P)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	191300	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 92 2010)	
DIBENZO(DEF,P)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	191300	California Proposition 65 listed for cancer	
DIBENZO(DEF,P)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	191300	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIBENZO(DEF,P)CHRYSENE	Dibenzo[ <i>a,h</i> ]pyrene	191300	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIBENZO(DEF,P)CHRYSENE	DIBENZO(DEF,P)CHRYSENE	191300	Europe prohibits this ingredient in cosmetics	
DIBENZOFURAN, 1,3,8-TRICHLORO-6-METHYL-	6Methyl1,3,8trichlorodibenzofuran	118174382	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIBENZOFURAN, 2,3,4,7,8-PENTACHLORO-	2,3,4,7,8Pentachlorodibenzofuran	57117314	Carcinogenic to humans' IARC (Category 1, Volume 100F 2012)	
DIBENZOFURAN, 2,3,4,7,8-PENTACHLORO-	2,3,4,7,8Pentachlorodibenzofuran (2,3,4,7,8PeCDF)	57117314	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIBENZYL ETHER	DIBENZYL ETHER	103504	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIBUTYL ETHANOLAMINE	2dibutylaminoethanol	102818	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIBUTYL PHOSPHITE	Dibutyl phosphonate	1809194	Classified as 'suspected of causing cancer' (GHS H351).	
DIBUTYL PHTHALATE	Dinbutyl phthalate (DBP)	84742	California Proposition 65 listed for developmental, female, male	
DIBUTYL PHTHALATE	Dinbutylphthalate (DBP)	84742	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIBUTYL PHTHALATE	Dibutyl phthalate	84742	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIBUTYLAMINE	Dibutylamine	111922	Classified as 'toxic in contact with skin' (GHS H311).	
DIBUTYLAMINE	Dibutylamine	111922	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIBUTYLAMINE	Dibutylamine	111922	Classified as 'fatal if inhaled' (GHS H330).	
Dibutyltin bis(2-ethylhexanoate)	Dibutyltin bis(2-ethylhexanoate)	322057	This ingredient is banned the European Union	X
Dibutyltin di(acetate)	Dibutyltin di(acetate)	1067-33-0	This ingredient is banned the European Union	X
DICAPRYL/DICAPRYLYL DIMONIUM CHLORIDE	Dicapryl/dicaprylyl Dimonium Chloride	68424953	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DICAPRYL/DICAPRYLYL DIMONIUM CHLORIDE	Quaternary ammonium compounds, diC8-10alkyldimethyl, chlorides	68424953	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICARBONIC ACID, BIS(1,1-DIMETHYLETHYL) ESTER	Di(tertbutyl) carbonate	24424995	Classified as 'fatal if inhaled' (GHS H330).	
DICHLONE	Dichlone	117806	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICHLORO-M-XYLENOL	2,4dichloro3,5xylenol	133539	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICHLOROACETIC ACID	dichloroacetic acid	79436	California Proposition 65 listed for developmental, male	
DICHLOROACETIC ACID	dichloroacetic acid	79436	California Proposition 65 listed for cancer	
DICHLOROACETIC ACID	dichloroacetic acid	79436	EPA IRIS 'likely carcinogenic'.	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Classified as 'suspected of causing cancer' (GHS H351).	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Classified as 'toxic in contact with skin' (GHS H311).	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63, 84, 106 2014)	
DICHLOROACETIC ACID	dichloroacetic acid	79436	Listed as an IARC Group 2B Carcinogen	
DICHLOROACETYL CHLORIDE	dichloroacetyl chloride	79367	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICHLOROMETHANE	Dichloromethane	75092	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DICHLOROMETHANE	Dichloromethane	75092	EPA IRIS 'likely carcinogenic'.	
DICHLOROMETHANE	Dichloromethane (Methylene chloride)	75092	California Proposition 65 listed for cancer	
DICHLOROMETHANE	Dichloromethane (Methylene chloride)	75092	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 71, 110 2017)	
DICHLOROMETHANE	Methylene chloride	75092	FDA Banned ingredients in cosmetics.	
DICHLOROMETHANE	Dichloromethane (Methylene chloride)	75092	Listed as an IARC Group 2A Carcinogen	
DICHLOROMETHANE	Dichloromethane	75092	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DICHLOROPHENE	Dichlorophene	97234	California Proposition 65 listed for developmental	
DICHLORVOS	DDVP (Dichlorvos)	62737	California Proposition 65 listed for cancer	
DICHLORVOS	Dichlorvos	62737	EPA IRIS 'probable carcinogen'.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DICHLORVOS	Dichlorvos	62737	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 53 1991)	
DICHROMIC ACID, ZINC SALT (1:1)	Chromium Compounds	14018952	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DICHRONIUM TRIS(CHROMATE)	dichromium tris(chromate)	24613896	Classified as 'may cause cancer' (GHS H350).	
DICHRONIUM TRIS(CHROMATE)	dichromium tris(chromate)	24613896	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICHRONIUM TRIS(CHROMATE)	dichromium tris(chromate)	24613896	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICHRONIUM TRIS(CHROMATE)	Chromium Compounds	24613896	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DICOCODIMONIUM CHLORIDE	Dicocodimonium Chloride	61789773	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DICOCOYLETHYL HYDROXYETHYLONIUM METHOSULFATE	Dicocoylethyl Hydroxyethylmonium Methosulfate		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DICOUMAROL	dicoumarol	66762	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DICOUMAROL	Dicoumarol (INN)	66762	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DICOUMAROL	Dicoumarol	66762	California Proposition 65 listed for developmental	
DICYCLOHEXYLAMINE	DCHA; ; DCHA	101837	Classified as 'suspected of causing genetic defects' (GHS H341).	
DICYCLOHEXYLAMINE	DCHA; ; DCHA	101837	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICYCLOHEXYLAMINE	dicyclohexylamine	101837	Classified as 'toxic in contact with skin' (GHS H311).	
DICYCLOHEXYLAMINE	dicyclohexylamine	101837	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICYCLOHEXYLAMINE	dicyclohexylamine	101837	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICYCLOHEXYLAMINE, N-METHYL-	NcyclohexylNmethyldicyclohexylamine	7560830	Classified as 'toxic in contact with skin' (GHS H311).	
DICYCLOHEXYLAMINE, N-METHYL-	NcyclohexylNmethyldicyclohexylamine	7560830	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICYCLOHEXYLCARBODIIMIDE	dicyclohexylcarbodiimide	538750	Classified as 'toxic in contact with skin' (GHS H311).	
DICYCLOHEXYLCARBODIIMIDE	dicyclohexylcarbodiimide	538750	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DICYCLOHEXYLCARBODIIMIDE	dicyclohexylcarbodiimide	538750	Classified as 'fatal if inhaled' (GHS H330).	
DICYCLOHEXYLCARBODIIMIDE	dicyclohexylcarbodiimide	538750	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DICYCLOPENTYLDIMETHOXYLANE	dicyclopentylidimethoxysilane	126990350	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Didecyl dimethyl ammonium bicarbonate	Didecyl dimethyl ammonium bicarbonate	148812-65-1	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	X
Didecyl dimethyl ammonium carbonate	Didecyl dimethyl ammonium carbonate	148788-55-0	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	X
Didecyl dimethyl ammonium bromide	Didecyl dimethyl ammonium Bromide	2390683	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Didecyl dimethyl ammonium chloride	Didecyl Dimethyl Ammonium Chloride	7173515	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
Didecyl dimethyl ammonium chloride	didecyl dimethyl ammonium chloride	7173515	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Didecyl dimethyl ammonium chloride	didecyl dimethyl ammonium chloride	7173515	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Didecyl dimethyl ammonium chloride	didecyl dimethyl ammonium chloride	7173515	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Didecyl dimethyl ammonium chloride	Didecyl Dimethyl Ammonium Chloride	7173515	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DIELDRIN	Dieldrin	60571	California Proposition 65 listed for cancer	
DIELDRIN	Dieldrin	60571	EPA IRIS 'probable carcinogen'.	
DIELDRIN	dieldrin (ISO)	60571	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIELDRIN	Dieldrin (see Dieldrin, and aldrin metabolized to dieldrin)	60571	Probably carcinogenic to humans' IARC (Category 2A, Volume 5, Sup 7, 117 In prep.)	
DIELDRIN	Dieldrin, and aldrin metabolized to dieldrin	60571	Listed as an IARC Group 2A Carcinogen	
DIETHANOLAMINE	Dialkanolamines, secondary	111422; 110974	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIETHANOLAMINE	Diethanolamine	111422	California Proposition 65 listed for cancer	
DIETHANOLAMINE	Diethanolamine	111422	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIETHANOLAMINE	Diethanolamine	111422	Ethanolamines can cause asthma, and contain harmful impurities	
DIETHANOLAMINE	Diethanolamine	111422	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77, 101 2013)	
DIETHANOLAMINE	Secondary alkyl and alkanolamines and their salts	111422; 110974	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHANOLAMINE	Diethanolamine	111422	Listed as an IARC Group 2B Carcinogen	
DIETHANOLAMINE	Diethanolamine	111422	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DIETHANOLAMINE SALTS OF PERFLUORALKYL PHOSPHATE	Diethanolamine Salts Of Perfluoroalkyl Phosphate		Ethanolamines can cause asthma, and contain harmful impurities	
DIETHANOLAMINE SALTS OF PERFLUORALKYL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
diethyl ester dimethyl ammonium chloride	Diethyl ester dimethyl ammonium chloride		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIETHYL ETHANOLAMINE	2Diethylaminoethanol	100378	Classified as 'toxic in contact with skin' (GHS H311).	
DIETHYL ETHANOLAMINE	2Diethylaminoethanol	100378	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYL ETHANOLAMINE	2Diethylaminoethanol	100378	Classified as 'toxic if inhaled' (GHS H331).	
DIETHYL OXALATE	DIETHYL OXALATE	95921	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYL PHTHALATE	Diethyl phthalate	84662	EWG F scoring ingredient under any condition of use.	
DIETHYL PHTHALATE	Diethyl phthalate (DEP)	84662	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIETHYL SULFATE	Diethyl sulfate	64675	California Proposition 65 listed for cancer	
DIETHYL SULFATE	Diethyl sulfate	64675	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIETHYL SULFATE	Diethyl sulfate	64675	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIETHYL SULFATE	Diethyl sulfate	64675	Probably carcinogenic to humans' IARC (Category 2A, Volume 54, 71 1999)	
DIETHYL SULFATE	diethyl sulphate	64675	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYL SULFATE	Diethyl sulfate	64675	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIETHYLAMINE	diethylamine	109897	Classified as 'toxic in contact with skin' (GHS H311).	
DIETHYLAMINE	diethylamine	109897	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLAMINE	diethylamine	109897	Classified as 'toxic if inhaled' (GHS H331).	
DIETHYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE	Bis(2chloroethyl)amine hydrochloride	821487	Classified as 'suspected of causing genetic defects' (GHS H341).	
DIETHYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE	Bis(2chloroethyl)amine hydrochloride	821487	Classified as 'may cause cancer' (GHS H350).	
DIETHYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE	Bis(2chloroethyl)amine hydrochloride	821487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE	Bis(2chloroethyl)amine hydrochloride	821487	Classified as 'toxic if inhaled' (GHS H331).	
DIETHYLAMINE, 2,2'-DICHLORO-, HYDROCHLORIDE	Bis(2chloroethyl)amine hydrochloride	821487	Classified as 'may cause genetic defects' (GHS H340).	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-	Chlormethine (INN) and its salts	51752	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-	Chlormethine and its salts	51752	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-	Nitrogen mustard	51752	Probably carcinogenic to humans' IARC (Category 2A, Volume 9, Sup 7 1987)	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-	Nitrogen mustard (Mechlorethamine)	51752	California Proposition 65 listed for developmental	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-	Nitrogen mustard (Mechlorethamine)	51752	California Proposition 65 listed for cancer	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE	N,N bis(2Chloroethyl)methylamine Noxide and its salts	126852	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE	N,Nbis(2Chloroethyl)methylamine Noxide and its salts	126852	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE	Nitrogen mustard <math>\leq N</math>-oxide	126852	Possibly carcinogenic to humans' IARC (Category 2B, Volume 9, Sup 7 1987)	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE	Nitrogen mustard Noxide	126852	California Proposition 65 listed for cancer	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL-, N-OXIDE, HYDROCHLORIDE	Nitrogen mustard Noxide hydrochloride	302705	California Proposition 65 listed for cancer	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL, HYDROCHLORIDE	Nitrogen Mustard Hydrochloride	55867	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL, HYDROCHLORIDE	Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)	55867	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL, HYDROCHLORIDE	Nitrogen mustard hydrochloride (Mechlorethamine hydrochloride)	55867	California Proposition 65 listed for cancer	
DIETHYLAMINE, 2,2'-DICHLORO-N-METHYL, HYDROCHLORIDE	Nitrogen Mustard Hydrochloride	55867	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIETHYLBENZENE	Diethylbenzene	25340174	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIETHYLCARBAMOYL CHLORIDE	Diethylcarbamoil chloride	88108	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYLCARBAMOYL CHLORIDE	diethylcarbamoil chloride	88108	Classified as 'suspected of causing cancer' (GHS H351).	
DIETHYLENE GLYCOL	Diethylene glycol (DEG); 2,2' oxydiethanol for traces level, see Annex III	111466	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYLENE GLYCOL, DI(3-AMINOPROPYL) ETHER	3,3'oxybis(ethyleneoxy)bis(propylamine)	4246519	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLENTRIAMINE PENTAMETHYLENE PHOSPHONIC ACID	[[[(phosphonomethyl)imino]bis[ethane2,1diylnitribis(methylene)]]tetrakis phosphonic acid	15827608	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLENTRIAMINE PENTAMETHYLENE PHOSPHONIC ACID	Phosphonic acid,P,P',P'',P''''[[[(phosphonomethyl)imino]bis[2,1ethanediylnitribis(methylene)]]tetrakis	15827608	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
DIETHYLHEXYL ADIPATE	Di(2ethylhexyl)adipate	103231	EPA IRIS 'possible carcinogen'.	
DIETHYLHEXYL MALEATE	2Butenedioic acid (2Z), bis(2ethylhexyl)ester	142165	According to the classification provided by companies to ECHA in REACH registrations this substance is very toxic to aquatic life with long lasting effects, may cause damage to organs through prolonged or repeated exposure	
DIETHYLHEXYL MALEATE	Bis(2ethylhexyl) maleate	142165	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIETHYLHEXYL PHTHALATE	bis(2 Ethylhexyl) phthalate; (Diethylhexyl phthalate)	117817	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIETHYLHEXYL PHTHALATE	bis(2ethylhexyl) phthalate	117817	Phthalates are endocrine disrupting compounds.	
DIETHYLHEXYL PHTHALATE	Bis(2ethylhexyl) phthalate (see Di(2ethylhexyl) phthalate)	117817	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 77, 101 2013)	
DIETHYLHEXYL PHTHALATE	Di (2ethylhexyl)phthalate (DEHP)	117817	EPA IRIS 'probable carcinogen'.	
DIETHYLHEXYL PHTHALATE	Di(2ethylhexyl)phthalate (DEHP)	117817	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIETHYLHEXYL PHTHALATE	DI(2ETHYLHEXYL) PHTHALATE	117817	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIETHYLHEXYL PHTHALATE	Di(2ethylhexyl)phthalate	117817	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 77, 101 2013)	
DIETHYLHEXYL PHTHALATE	Di(2ethylhexyl)phthalate (DEHP)	117817	California Proposition 65 listed for developmental, male	
DIETHYLHEXYL PHTHALATE	Di(2ethylhexyl)phthalate (DEHP)	117817	California Proposition 65 listed for cancer	
DIETHYLHEXYL PHTHALATE	Diethylhexyl phthalate	117817	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIETHYLHEXYL PHTHALATE	Diethylhexyl phthalate	117817	EWG F scoring ingredient under any condition of use.	
DIETHYLHEXYL PHTHALATE	Di(2ethylhexyl)phthalate	117817	Listed as an IARC Group 2B Carcinogen	
DIETHYLHEXYL PHTHALATE	DI(2ETHYLHEXYL) PHTHALATE	117817	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIETHYLHEXYLAMINE	Bis(2ethylhexyl)amine	106207	Classified as 'toxic in contact with skin' (GHS H311).	
DIETHYLHEXYLAMINE	Bis(2ethylhexyl)amine	106207	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLHEXYLAMINE	Bis(2ethylhexyl)amine	106207	Classified as 'fatal if inhaled' (GHS H330).	
DIETHYLHEXYLAMINE	Bis(2ethylhexyl)amine	106207	Classified as 'toxic if inhaled' (GHS H331).	
DIETHYLHEXYLAMINE	Bis(2ethylhexyl)amine	106207	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIETHYLHEXYLAMINE	Diocetylamine	1120485	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIETHYLHEXYLAMINE	Diocetylamine	1120485	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIETHYLKETONE	Pentan3one	96220	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
Diethyloxyster dimethyl ammonium chloride (DEEDMAC)	Diethyloxyster Dimethyl Ammonium Chloride (deedmac)		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIGITALUM VERUM	Digitaline and all heterosides of Digitalis purpurea L.	752614	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIGITOXIN	Digitaline	71636	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIGOXIN	Digoxin	20830755	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
DIGOXIN	Digoxin	20830755	Listed as an IARC Group 2B Carcinogen	
Dihydro farnesal	(6E)3,7,11trimethyldeca6,10dienal; (6Z)3,7,11trimethyldeca6,10dienal	32480083	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIHYDROCITRONELLYL ACETATE	3,7dimethyl1octyl acetate	20780498	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIHYDROCUMARIN	3,4 Dihydrocoumarin, when used as a fragrance ingredient	119846	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIHYDROCUMARIN	DIHYDROCUMARIN	119846	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIHYDROGENATED PALMOYLETHYL HYDROXYETHYLMONIUM METHOSULFATE	Dihydrogenated Palmolethyl Hydroxyethylmonium Methosulfate		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIHYDROGENATED TALLOWAMIDOETHYL HYDROXYETHYLMONIUM METHOSULFATE	Dihydrogenated Tallowamidoethyl Hydroxyethylmonium Methosulfate	68953593	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIHYDROXYETHYL TALLOWAMINE OXIDE	Ethanol, 2,'2iminobisNtallowalkyl dervs.,Noxides	61791466	Animal based tallow and lard ingredients are prohibited.	
Diisohexyl Phthalate	Diisohexyl Phthalate	146509	Phthalates are endocrinedisrupting chemicals.	
DIISOPROPANOLAMINE	Dialkanolamines, secondary	111422; 110974	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIISOPROPANOLAMINE	Secondary alkyl and alkanolamines and their salts	111422; 110974	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIISOPROPYLAMINE	diisopropylamine	108189	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIISOPROPYLAMINE	diisopropylamine	108189	Classified as 'toxic if inhaled' (GHS H331).	
Diisoundecyl Phthalate	Diisoundecyl Phthalate	85507795	Phthalates are endocrinedisrupting chemicals.	
DIKETENE	But3en3olide	674828	Classified as 'fatal if inhaled' (GHS H330).	
Dimethomorph	(E)-4-(3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)acryloyl)morpholine	110488-70-5	This ingredient is banned the European Union	X
DIMETHOXANE	2,6 Dimethyl1,3dioxan4yl acetate (Dimethoxane)	828002	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHOXANE	Dimethoxane	828002	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIMETHOXYDIGLYCOL	bis(2 Methoxyethyl) ether (Dimethoxydiglycol)	111966	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHOXYDIGLYCOL	Diethylene glycol dimethylether	111966	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
DIMETHYL BEHENAMINE	N,Ndimethyldocosylamine	21542961	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL BEHENAMINE	N,Ndimethyldocosylamine	21542961	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL DECADIENAL	5,9Dimethyl4,8decadienal	762265	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL ISOPROPANOLAMINE	1(dimethylamino)propan2ol	108167	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL ISOPROPANOLAMINE	1(dimethylamino)propan2ol	108167	Classified as 'toxic if inhaled' (GHS H331).	
DIMETHYL LAURAMINE	Dodecylidimethylamine	112185	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL LAURAMINE	Dodecylidimethylamine	112185	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL MALEATE	Dimethyl maleate	624486	Classified as 'toxic in contact with skin' (GHS H311).	
DIMETHYL MALEATE	Dimethyl maleate	624486	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL MEA	2dimethylaminoethanol	108010	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL MEA	2dimethylaminoethanol	108010	Classified as 'toxic if inhaled' (GHS H331).	
DIMETHYL MEA	Dimethylethanolamine	108010	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
DIMETHYL MEA	Dimethylethanolamine	108010	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DIMETHYL MYRISTAMINE	Dimethyl(tetradecyl)amine	112754	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL MYRISTAMINE	Dimethyl(tetradecyl)amine	112754	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL OXALATE	DIMETHYL OXALATE	553902	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL OXAZOLIDINE	DIMETHYL OXAZOLIDINE	51200874	Classified as 'toxic if inhaled' (GHS H331).	
DIMETHYL PALMITAMINE	Hexadecyldimethylamine	112696	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL PALMITAMINE	Hexadecyldimethylamine	112696	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL PALMITAMINE	Hexadecyldimethylamine	1275611658	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL PALMITAMINE	Hexadecyldimethylamine	1275611658	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYL STEARAMINE	Dimantine	124287	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYL STEARAMINE	Dimantine	124287	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIMETHYL SULFOXIDE	DIMETHYL SULFOXIDE	67685	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIMETHYL SULFOXIDE	Dimethyl sulfoxide (INN)	67685	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	California Proposition 65 listed for cancer	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	EPA IRIS 'probable carcinogen'.	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	Probably carcinogenic to humans' IARC (Category 2A, Volume 4, Sup 7, 71 1999)	
DIMETHYL SULPHATE	dimethyl sulphate	77781	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYL SULPHATE	Dimethyl sulfate	77781	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIMETHYLAMINE	Dimethylamine	124403	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIMETHYLAMINE	Dimethylamine	124403	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYLAMINE	Dimethylamine	124403	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYLAMINO METHYLPROPANOL	2(dimethylamino)2methylpropanol	7005472	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYLAMINOETHYL METHACRYLATE	2dimethylaminoethyl methacrylate	2867472	Classified as 'fatal if inhaled' (GHS H330).	
Dimethylbis[2-[(1-oxooctadecyl)oxy]ethyl]ammonium chloride	Dimethylbis[2[(1Oxooctadecyl)oxy]ethyl]ammonium Chloride	67846688	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	California Proposition 65 listed for cancer	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Classified as 'may cause cancer' (GHS H350).	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Classified as 'fatal if inhaled' (GHS H330).	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Classified as 'toxic if inhaled' (GHS H331).	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Probably carcinogenic to humans' IARC (Category 2A, Volume 12, Sup 7, 71 1999)	
DIMETHYLCARBAMOYL CHLORIDE	dimethylcarbamoyl chloride	79447	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIMETHYLIMIDAZOLIDINONE	1,3dimethylimidazolidinone	80739	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
DIMETHYLIMIDAZOLIDINONE	1,3dimethylimidazolidinone	80739	Classified as 'toxic in contact with skin' (GHS H311).	
DIMETHYLIMIDAZOLIDINONE	1,3dimethylimidazolidinone	80739	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYLNITROSOAMINE	<N</N>Nitrosodimethylamine	62759	Probably carcinogenic to humans' IARC (Category 2A, Volume 17, Sup 7 1987)	
DIMETHYLNITROSOAMINE	NNitrosodimethylamine	62759	California Proposition 65 listed for cancer	
DIMETHYLNITROSOAMINE	NNitrosodimethylamine	62759	EPA IRIS 'probable carcinogen'.	
DIMETHYLNITROSOAMINE	NNitrosodimethylamine (see NNitrosamines: 15 listings)	62759	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DIMETHYLNITROSOAMINE	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIMETHYLNITROSOAMINE	Nitrosamines e.g. Dimethylnitrosoamine; Nitrosodipropylamine; 2,2' (Nitrosoimino)bisethanol	62759; 621647; 1116547	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYLNITROSOAMINE	NNitrosodimethylamine	62759	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DIMETHYLOLUREA	1,3bis(hydroxymethyl)urea	140954	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DIMETHYLSULFAMOYLCHLORIDE	Dimethylsulphamoyl chloride	13360571	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIMETHYLSULFAMOYLCHLORIDE	Dimethylsulphamoyl chloride	13360571	Classified as 'may cause cancer' (GHS H350).	
DIMETHYLSULFAMOYLCHLORIDE	Dimethylsulphamoyl chloride	13360571	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIMETHYLSULFAMOYLCHLORIDE	Dimethylsulphamoyl chloride	13360571	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIMETHYLSULFAMOYLCHLORIDE	Dimethylsulphamoyl chloride	13360571	Classified as 'fatal if inhaled' (GHS H330).	
DIMETHYLTOLYLAMINE	<i>N</i>,<i>N</i>-Dimethyl<i>p</i>-toluidine	99978	Possibly carcinogenic to humans' IARC (Category 2B, Volume 115 2018 )	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	California Proposition 65 listed for cancer	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	Classified as 'toxic in contact with skin' (GHS H311).	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	Classified as 'toxic if inhaled' (GHS H331).	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	Listed as an IARC Group 2B Carcinogen	
DIMETHYLTOLYLAMINE	N,NDimethylptoluidine	99978	California Prop65 Chemical (cancer)	
DINICKEL TRIOXIDE	dinickel trioxide	1314063	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DINICKEL TRIOXIDE	Nickel Compounds	13140603	Listed on the 14th Report on Carcinogens as a known carcinogen	
DINOCAP	Dinocap	39300453	California Proposition 65 listed for developmental	
DINOCAP	Dinocap (ISO)	39300453	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DINOSEB	Dinoseb	88857	California Proposition 65 listed for developmental, male	
DINOSEB	Dinoseb	88857	Classified as 'fatal in contact with skin' (GHS H310).	
DINOSEB	Dinoseb	88857	Classified as 'toxic in contact with skin' (GHS H311).	
DINOSEB	Dinoseb	88857	Classified as 'fatal if inhaled' (GHS H330).	
DINOSEB	Dinoseb	88857	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DINOSEB	Dinoseb, its salts and esters with the exception of those specified elsewhere in this list	88857	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DINOTERB	Dinoterb, its salts and esters	1420071	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	Dimethyldioctylammonium chloride	5538943	Classified as 'fatal in contact with skin' (GHS H310).	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	Dimethyldioctylammonium chloride	5538943	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIOCTYL DIMETHYL AMMONIUM CHLORIDE	Dioctyl Dimethyl Ammonium Chloride	5538943	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIOCTYL MALATE	Bis(2ethylhexyl) malate	56235928	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIOCTYL PHTHALATE, ISO	Di(NOctyl) Phthalate	117840	Phthalates are endocrinedisrupting chemicals.	
DIOCTYLDODECYL FLUOROHEPTYL CITRATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
DIOLEOYLETHYL HYDROXYETHYLMONIUM METHOSULFATE	Dioleoylethyl Hydroxyethylmonium Methosulfate	94095359	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIOSMINE	Diosmin	520274	Classified as 'suspected of causing genetic defects' (GHS H341).	
DIOXINS	2,3,7,8 Tetrachlorodibenzopdioxin (TCDD)	1746016	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIOXINS	2,3,7,8Tetrachlorodibenzo<i>p</i>-dioxin	1746016	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 69, 100F 2012)	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin	1746016	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin	1746016	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin (2,3,7,8TCDD)	1746016	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin (TCDD)	1746016	California Proposition 65 listed for developmental	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin (TCDD)	1746016	California Proposition 65 listed for cancer	
DIOXINS	2,3,7,8Tetrachlorodibenzopdioxin	1746016	Listed on the 14th Report on Carcinogens as a known carcinogen	
DIOXOLANE	1,3dioxolane	646060	Classified as 'may damage fertility or the unborn child' (GHS H360).	
DIPALMITOYLETHYL DIMONIUM CHLORIDE	Dipalmitoylethyl Dimonium Chloride	97158311	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIPALMITOYLETHYL DIMONIUM CHLORIDE	DIPALMITOYLETHYL DIMONIUM CHLORIDE DIPALMITOYLETHYL DIMONIUM CHLORIDE	97158311	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIPALMITOYLETHYL HYDROXYETHYLMONIUM METHOSULFATE	Dipalmitoylethyl Hydroxyethylmonium Methosulfate		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DIPHENHYDRAMINE HCL	Diphenhydramine (INN) and its salts	58731; 147240; 88637370	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIPHENYL ETHER	DIPHENYL ETHER	101848	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPHENYL ETHER	diphenylether; octabromo derivate	32536520	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIPHENYL METHANE	Diphenylmethane	101815	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPHENYLAMINE	diphenylamine	122394	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DIPHENYLAMINE	diphenylamine	122394	Prohibited by the International Fragrance Association for use in fragrance.	
DIPHENYLAMINE	diphenylamine	122394	Classified as 'toxic in contact with skin' (GHS H311).	
DIPHENYLAMINE	diphenylamine	122394	Classified as 'toxic if inhaled' (GHS H331).	
DIPHENYLAMINE	diphenylamine	122394	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPHENYLAMINE	Diphenylamine, when used as a fragrance ingredient	122394	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIPHENYLAMINE	DIPHENYLAMINE	122394	Possibly carcinogenic to humans' IARC (Category 2B, Volume 130, 2022)	
DIPHENYLAMINE, 4-NITROSO-	pNitrosodiphenylamine	156105	California Proposition 65 listed for cancer	
DIPHENYLAMINE, N-NITROSO-	NNitrosodiphenylamine	86306	California Proposition 65 listed for cancer	
DIPHENYLAMINE, N-NITROSO-	NNitrosodiphenylamine	86306	EPA IRIS 'probable carcinogen'.	
DIPHENYLETHER; OCTABROMO DERIVATE	diphenylether; octabromo derivate	32536520	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIPHOSPHORIC ACID, COPPER SALT	Diphosphoric acid, copper salt	10102906	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPHOSPHORUS PENTASULPHIDE	diphosphorus pentasulphide	1314803	Classified as 'toxic in contact with skin' (GHS H311).	
DIPHOSPHORUS PENTASULPHIDE	diphosphorus pentasulphide	1314803	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIPOTASSIUM HEXACHLOROPLATINATE	dipotassium hexachloroplatinate	16921305	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DIPOTASSIUM HEXACHLOROPLATINATE	dipotassium hexachloroplatinate	16921305	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPOTASSIUM PHOSPHATE	DIPOTASSIUM PHOSPHATE	7758114	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
DIPOTASSIUM TETRACHLOROPLATINATE	dipotassium tetrachloroplatinate	10025997	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DIPOTASSIUM TETRACHLOROPLATINATE	dipotassium tetrachloroplatinate	10025997	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIPROPYL PYRIDINEDICARBOXYLATE	Dinpropyl isocinchomeronate (MGK Repellent 326)	136458	California Proposition 65 listed for cancer	
DIPROPYLAMINE	dipropylamine	142847	Classified as 'toxic in contact with skin' (GHS H311).	
DIPROPYLAMINE	dipropylamine	142847	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIPROPYLAMINE	dipropylamine	142847	Classified as 'toxic if inhaled' (GHS H331).	
DIPROPYLENE GLYCOL DIMETHYL ETHER	Dipropylene glycol dimethylether	111109774	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
Dipropylene Glycol Methyl Ether	Dipropylene glycol methyl ether	34590948	According to the ACGIH and CDC (NIOSH) this ingredient causes central nervous system impairment and respiratory irritation .	
DIPROPYLENE GLYCOL METHYL ETHER ACETATE	Propanol, (2methoxymethylethoxy), acetate	88917220	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
DIPROPYLENETRIAMINE, N,N,N',N'-TETRAMETHYL-	N'[3(dimethylamino)propyl]N,Ndimethylpropane1,3diamine	6711484	Classified as 'toxic in contact with skin' (GHS H311).	
DIPROPYLENETRIAMINE, N,N,N',N'-TETRAMETHYL-	N'[3(dimethylamino)propyl]N,Ndimethylpropane1,3diamine	6711484	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DIPYRIDO(1,2-A:3',2'-D)IMIDAZOLE, 2-AMINO-	GluP2 (2Aminodipyrido[1,2-a:3',2'-d]imidazole)	67730103	Possibly carcinogenic to humans' IARC (Category 2B, Volume 40, Sup 7 1987)	
DIPYRIDO(1,2-A:3',2'-D)IMIDAZOLE, 2-AMINO-	GluP2 (2Aminodipyrido[1,2a:3',2'd]imidazole)	67730103	California Proposition 65 listed for cancer	
DIPYRIDO(1,2-A:3',2'-D)IMIDAZOLE, 2-AMINO-6-METHYL-	GluP1 (2Amino6methylidipyrido[1,2 a3',2'd]imidazole)	67730114	California Proposition 65 listed for cancer	
DIPYRIDO(1,2-A:3',2'-D)IMIDAZOLE, 2-AMINO-6-METHYL-	GluP1 (2Amino6methylidipyrido[1,2<a</i>:3',2'<d</i>]imidazole)	67730114	Possibly carcinogenic to humans' IARC (Category 2B, Volume 40, Sup 7 1987)	
DIRECT BLACK 38	CI Direct Black 38 (see Benzidine, dyes metabolized to)	1937377	Carcinogenic to humans' IARC (Category 1, Volume 99, 100F 2012)	
DIRECT BLACK 38	Direct Black 38 (technical grade)	1937377	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DIRECT BLACK 38	Disodium 4 amino3[[4'[(2,4diaminophenyl)azo][1,1'biphenyl]4yl]azo]5hydroxy6(phenylazo)naphthalene2,7disulphonate	1937377	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIRECT BLACK 51	3(or5) [[4[(7amino1hydroxy3sulphonato2naphthyl)azo]1naphthyl]azo]salicylic acid and its salts, when used as a substance in hair dye products	3442215; 34977634	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Direct Blue 189	Direct Blue 189	61814797	Non FDA approved colorant.	
Direct Blue 199	Direct Blue 199	12222047	Not an FDA approved colorant and is toxic to aquatic life with long lasting effects.	
DIRECT BLUE 6	CI Direct Blue 6 (see Benzidine, dyes metabolized to)	2602462	Carcinogenic to humans' IARC (Category 1, Volume 99, 100F 2012)	
DIRECT BLUE 6	Direct Blue 6 (technical grade)	2602462	California Proposition 65 listed for cancer	
DIRECT BLUE 6	Tetrasodium 3,3' [[1,1'biphenyl]4,4'diylbis(azo)]bis[5amino4hydroxynaphthalene2,7disulpho nate]	2602462	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIRECT RED 23	3 [[4(Acetylamino)phenyl)azo]4hydroxy7[[[5hydroxy6(phenylazo)7sulfo2naphthalenyl]amino]carbonyl]amino]2naphthalenesulfonic acid and its salts, when used as a substance in hair dye products	3441143	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIRECT RED 80	2 Naphthalenesulfonic acid, 7,7'(carbonyldiimino)bis(4hydroxy3[[2sulfo4[(4sulfo)phenyl]azo]phenyl]azo ], and its salts, when used as a substance in hair dye products	2610108; 25188414	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIRECT VIOLET 48	(micro ((7,7'iminobis(4hydroxy3((2hydroxy5(Nmethylsulphamoyl)phenyl)azo)naphthalene2sulphonato))(6)))dicuprate and its salts, when used as a substance in hair dye products	37279542	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIRECT YELLOW 12	2,2' (1,2Ethenediyl)bis[5((4ethoxyphenyl)azo)benzenesulfonic acid] and its salts, when used as a substance in hair dye products	2870328	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISILANE, HEXAMETHYL-	Hexamethyldisilane	1450142	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DISILAZANE, 1,1,1,3,3,3-HEXAMETHYL-	1,1,1,3,3,3hexamethyldisilazane	999973	Classified as 'toxic in contact with skin' (GHS H311).	
DISILAZANE, 1,1,1,3,3,3-HEXAMETHYL-	1,1,1,3,3,3hexamethyldisilazane	999973	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DISILAZANE, 1,1,1,3,3,3-HEXAMETHYL-	1,1,1,3,3,3hexamethyldisilazane	999973	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
DISILOXANE	Hexamethyldisiloxane	107460	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISILOXANE, 1,3-BIS(3-AMINOPROPYL)-1,1,3,3-TETRAMETHYL-	3,3'(1,1,3,3,tetramethyldisiloxane1,3diyl)bispropylamine	2469558	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DISILOXANE, 1,3-DIPHENYL-1,1,3,3-TETRAMETHYL-	1,1,3,3tetramethyl1,3diphenyl disiloxane	56337	This ingredient has a high bioaccumulation potential	
DISODIUM {5-[[4'-(2,6-HYDROXY-3-((2-HYDROXY-5-SULPHOPHENYL)AZO)PHENYL)AZO](1,1'-BIPHENYL)-4-YL)AZO]SALICYLATO(4-)}CUPRATE(2-)	CI Direct Brown 95 (see Benzidine, dyes metabolized to)	16071866	Carcinogenic to humans' IARC (Category 1, Volume 99, 100F 2012)	
DISODIUM {5-[[4'-(2,6-HYDROXY-3-((2-HYDROXY-5-SULPHOPHENYL)AZO)PHENYL)AZO](1,1'-BIPHENYL)-4-YL)AZO]SALICYLATO(4-)}CUPRATE(2-)	Direct Brown 95 (technical grade)	16071866	California Proposition 65 listed for cancer	
DISODIUM {5-[[4'-(2,6-HYDROXY-3-((2-HYDROXY-5-SULPHOPHENYL)AZO)PHENYL)AZO](1,1'-BIPHENYL)-4-YL)AZO]SALICYLATO(4-)}CUPRATE(2-)	Disodium[5 [[4'[[2,6dihydroxy3((2hydroxy5sulphophenyl)azo)phenyl]azo][1,1'biphenyl]4yl]azo]salicylato(4)]cuprate(2)	16071866	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISODIUM DISTYRYLBIPHENYL DISULFONATE	DISODIUM DISTYRYLBIPHENYL DISULFONATE	27344418	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
DISODIUM DISTYRYLBIPHENYL DISULFONATE	DISODIUM DISTYRYLBIPHENYL DISULFONATE	27344418	Classified as persistent in the Detergents Ingredients Database (DIDlist) and classified as 'harmful to aquatic life with long lasting effects' (GHS H412).	
DISODIUM EDTA	DISODIUM EDTA	139333	Non readily biodegradable chelating agent.	
DISODIUM ETHANOLDIGLYCINATE	Disodium 2hydroxyethyliminodi(acetate)	135375	Classified as 'suspected of causing cancer' (GHS H351).	
DISODIUM ISODECYL SULFOSUCCINATE	Disodium Cisodecyl sulphonatosuccinate	37294498	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISODIUM OCTABORATE, TETRAHYDRATE	Disodium octaborate	12008412; 12280034	Classified as 'may damage fertility or the unborn child' (GHS H360).	
DISODIUM OCTABORATE, TETRAHYDRATE	Disodium octaborate	12008412	Classified as 'may damage fertility or the unborn child' (GHS H360).	
DISODIUM PHOSPHATE	Disodium phosphate	7558794	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
DISODIUM PYROPHOSPHATE	SODIUM ACID PYROPHOSPHATE	7758169	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
DISPERSE BLUE 1	1,4,5,8 Tetraaminoanthraquinone (Disperse Blue 1)	2475458	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE BLUE 1	Disperse Blue 1	2475458	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DISPERSE BLUE 1	Disperse Blue 1	2475458	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DISPERSE BLUE 1	Disperse Blue 1	2475458	Possibly carcinogenic to humans' IARC (Category 2B, Volume 48 1990)	
DISPERSE BLUE 1	Disperse Blue 1	2475458	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DISPERSE BLUE 3	9,10 Anthracenedione, 1[(2hydroxyethyl)amino]4(methylamino), and its derivatives and salts, when used as a substance in hair dye products	2475469; 86722669	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE BLUE 7	1,4 Dihydroxy-5,8bis[(2hydroxyethyl)amino]anthraquinone (Disperse Blue 7) and its salts, when used as a substance in hair dye products	3179906	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE BROWN 1	2,2' ((3Chloro4((2,6dichloro4nitrophenyl)azo)phenyl)imino)bisethanol (Disperse Brown 1) and its salts, when used as a substance in hair dye products	23355648	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE ORANGE 3	4 [(4Nitrophenyl)azo]aniline (Disperse Orange 3) and its salts, when used as a substance in hair dye products	730405; 70170615	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE ORANGE 3	DISPERSE ORANGE 3	730405	Europe prohibits this ingredient in cosmetics	
DISPERSE RED 11	1,4 Diamino-2methoxy-9,10anthracenedione (Disperse Red 11) and its salts, when used as a substance in hair dye products	2872482	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE RED 15	Disperse Red 15, Except As Impurity In Disperse Violet 1	116858	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE VIOLET 4	1 Amino-4(methylamino)-9,10anthracenedione (Disperse Violet 4) and its salts, when used as a substance in hair dye products	1220946	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE YELLOW 3	C.I. Disperse Yellow 3	2832408	California Proposition 65 listed for cancer	
DISPERSE YELLOW 3	Disperse Yellow 3	2832408	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISPERSE YELLOW 3	C.I. Disperse Yellow 3	2832408	California Prop65 Chemical (cancer)	
DISTANNOXANE, HEXABUTYL-	Tributyl Tin Oxide	56359	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
DISTANNOXANE, HEXABUTYL-	Tributyltin oxide = bis(tributyltin) oxide	56359	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
DISTANNOXANE, HEXABUTYL-	Tributyl Tin Oxide	56359	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DISTEAROYLETHYL DIMONIUM CHLORIDE	DISTEAROYLETHYL DIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DISTEAROYLETHYL HYDROXYETHYLMONIUM METHOSULFATE	Distearoylethyl hydroxyethylmonium methosulfate		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DISTEAROYLDIONIUM CHLORIDE	Distearoyldimonium Chloride	107642	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DISTILLATES (COAL-PETROLEUM), CONDENSED-RING AROM	Distillates (coal petroleum), condensed ring arom., if they contain >0.005 % w/w benzo[a]pyrene	68188487	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Distillates (petroleum), acid-treated light	Distillates (petroleum), acid treated light, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	64742149	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISTILLATES (PETROLEUM), HEAVY CATALYTIC CRACKED	Distillates (petroleum), heavy catalytic cracked	64741613	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISTILLATES (PETROLEUM), HEAVY CATALYTIC CRACKED	Distillates (petroleum), heavy catalytic cracked	64741613	Classified as 'may cause cancer' (GHS H350).	
DISTILLATES (PETROLEUM), HEAVY CATALYTIC CRACKED	Distillates (petroleum), heavy catalytic cracked	64741613	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
DISTILLATES (PETROLEUM), HEAVY CATALYTIC CRACKED	Distillates (petroleum), heavy catalytic cracked	64741613	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISTILLATES (PETROLEUM), HYDRODESULFURIZED MIDDLE	Distillates (petroleum), hydrodesulfurized middle, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	64742809	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISTILLATES (PETROLEUM), HYDRODESULFURIZED MIDDLE	Distillates (petroleum), hydrodesulfurized middle	64742809	Classified as 'may cause cancer' (GHS H350).	
DISTILLATES (PETROLEUM), HYDRODESULFURIZED MIDDLE	Distillates (petroleum), hydrodesulfurized middle	64742809	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DISTILLATES (PETROLEUM), LIGHT CATALYTIC CRACKED	Distillates (petroleum), light catalytic cracked	64741599	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISTILLATES (PETROLEUM), LIGHT CATALYTIC CRACKED	Distillates (petroleum), light catalytic cracked	64741599	Classified as 'may cause cancer' (GHS H350).	
DISTILLATES (PETROLEUM), LIGHT CATALYTIC CRACKED	Distillates (petroleum), light catalytic cracked	64741599	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISTILLATES (PETROLEUM), LIGHT THERMAL CRACKED	Distillates (petroleum), light thermal cracked	64741828	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISTILLATES (PETROLEUM), LIGHT THERMAL CRACKED	Distillates (petroleum), light thermal cracked	64741828	Classified as 'may cause cancer' (GHS H350).	
DISTILLATES (PETROLEUM), LIGHT THERMAL CRACKED	Distillates (petroleum), light thermal cracked	64741828	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISTILLATES RESIDUE, LOW-BOILING	Distillates (petroleum), catalytic reformer fractionator residue, low boiling, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	68477316	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISULFIDE, DIMETHYL	Dimethyl disulphide	624920	Classified as 'fatal if inhaled' (GHS H330).	
DISULFIDE, DIMETHYL	Dimethyl disulphide	624920	Classified as 'toxic if inhaled' (GHS H331).	
DISULFIDE, DIMETHYL	Dimethyl disulphide	624920	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISULFIRAM	Disulfiram	97778	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
DISULFIRAM	Disulfiram	97778	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DISULFIRAM	Disulfiram (INN); thiram (ISO) (INN)	97778; 137268	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DISULPHUR DICHLORIDE	disulphur dichloride	10025679	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
DITALLOWDIMONIUM CHLORIDE	Ditalowdionium Chloride	68783788	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DITALLOWDIMONIUM CHLORIDE	DTDMAC; Quaternary ammonium compounds, dimethyl ditalow alkyl, chlorides; NC16C18(even numbered, C18 unsaturated)alkylN,NdimethylC16C18(even numbered, C18 unsaturated)alkyl1aminium chloride	1228186171	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIURON	Diuron	330541	California Proposition 65 listed for cancer	
DIURON	Diuron	330541	Classified as 'suspected of causing cancer' (GHS H351).	
DIURON	Diuron	330541	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DIURON	Diuron (ISO)	330541	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIVANADIUM PENTAOXIDE	divanadium pentaoxide	1314621	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DIVANADIUM PENTAOXIDE	divanadium pentaoxide	1314621	Classified as 'suspected of causing genetic defects' (GHS H341).	
DIVANADIUM PENTAOXIDE	Vanadium pentoxide	1314621	Possibly carcinogenic to humans' IARC (Category 2B, Volume 86 2006)	
DIVANADIUM PENTAOXIDE	Vanadium pentoxide (orthorhombic crystalline form)	1314621	California Proposition 65 listed for cancer	
DL-VALINE, N-(2-CHLORO-4-(TRIFLUOROMETHYL)PHENYL)-, CYANO(3-PHENOXYPHENYL)METHYL ESTER	Fluvalinate	69409945	California Proposition 65 listed for developmental	
DMDM HYDANTOIN	1,3Bis(hydroxymethyl)5,5dimethylimidazolidine2,4dione	6440580	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
DMDM HYDANTOIN	DMDM HYDANTOIN	6440580	This ingredient forms formaldehyde which causes allergic skin reactions.	
DNOC	2methyl4,6dinitrophenol	534521	Classified as 'suspected of causing genetic defects' (GHS H341).	
DNOC	2methyl4,6dinitrophenol	534521	Classified as 'fatal in contact with skin' (GHS H310).	
DNOC	2methyl4,6dinitrophenol	534521	Classified as 'fatal if inhaled' (GHS H330).	
DNOC	2methyl4,6dinitrophenol	534521	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DNOC	DNOC (ISO)	534521	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DODECACHLOROPENTACYCLO[5.2.1.0.2,6.0.3,9.0.5,8]DECANE	Dodecachloropentacyclo[5.2.1.0.2,6.0.3,9.0.5,8]decane (Mirex)	2385855	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
DODECACHLOROPENTACYCLO[5.2.1.0.2,6.0.3,9.0.5,8]DECANE	Mirex	2385855	California Proposition 65 listed for cancer	
DODECACHLOROPENTACYCLO[5.2.1.0.2,6.0.3,9.0.5,8]DECANE	Mirex	2385855	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
DODECACHLOROPENTACYCLO[5.2.1.02,6.03,9.05,8]DECANE	Mirex	2385855	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
DODECACHLOROPENTACYCLO[5.2.1.02,6.03,9.05,8]DECANE	Mirex	2385855	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7 1987)	
DODECACHLOROPENTACYCLO[5.2.1.02,6.03,9.05,8]DECANE	Mirex	2385855	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
DODECANAMIDE, N,N-DIMETHYL-	N,Ndimethyldodecanamide	3007532	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DODECANE, 1,2-EPOXY-	Decyloxirane	2855198	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DODECANEDIOIC ACID	Dodecanedioic Acid	693232	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
DODECANEDIOIC ACID	Dodecanedioic Acid	693232	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
DODECANENITRILE	Dodecanenitrile	2437254	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
DODECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylndodecylamine	55090443	California Proposition 65 listed for cancer	
DODECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylndodecylamine	55090443	California Prop65 Chemical (cancer)	
DOMIPHEN BROMIDE	DOMIPHEN BROMIDE	538716	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
DROMETRIZOLE	2(2Hbenzotriazol2yl)pcresol	2440224	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
E- and Z-Oxacyclohexadec-12(+13)-en-2-one	A mixture of: (E)oxacyclohexadec12en2one; (E)oxacyclohexadec13en2one; a) (Z)oxacyclohexadec(12)en2one and b) (Z)oxacyclohexadec(13)en2one	34902573; 111879802	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
E-ETHYL-4-OXO-4-PHENYLCROTONATE	Eethyl4oxo4phenylcrotonate	15121898	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
E-ETHYL-4-OXO-4-PHENYLCROTONATE	Ethylbenzoylacrylate (raw); ; BENZOYLACRYLATE D'ÉTHYLE (BRUT)	15121898	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
EDTA	EDTA	60004	Non readily biodegradable chelating agent.	
EMERALD	Beryllium Compounds		Listed on the 14th Report on Carcinogens as a known carcinogen	
ENDRIN	(1R,4S,5R,8S) 1,2,3,4,10,10Hexachloro6,7 epoxy1,4,4a,5,6,7,8,8a octahydro1,4:5,8 dimetha nonaphthalene (endrin ISO)	72208	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ENDRIN	Endrin	72208	California Proposition 65 listed for developmental	
ENDRIN	Endrin	72208	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
EPHEDRINE	Ephedrine and its salts	299423	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
EPHEDRINE	Ephedrine and its salts	299423	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
EPINEPHRINE	Epinephrine	51434	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
EPINEPHRINE	Epinephrine (INN)	51434	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
EPIPODOPHYLLOTOXIN-BETA-D-ETHYLIDEN-GLUCOSIDE, 4'-DEMETHYL-	Etoposide	33419420	California Proposition 65 listed for cancer	
EPIPODOPHYLLOTOXIN-BETA-D-ETHYLIDEN-GLUCOSIDE, 4'-DEMETHYL-	Etoposide	33419420	California Proposition 65 listed for developmental	
EPIPODOPHYLLOTOXIN-BETA-D-ETHYLIDEN-GLUCOSIDE, 4'-DEMETHYL-	Etoposide	33419420	Carcinogenic to humans' IARC (Category 1, Volume 76, 100A 2012)	
EPIPODOPHYLLOTOXIN-BETA-D-ETHYLIDEN-GLUCOSIDE, 4'-DEMETHYL-	Etoposide in combination with cisplatin and bleomycin	33419420	Carcinogenic to humans' IARC (Category 1, Volume 76, 100A 2012)	
EPIPODOPHYLLOTOXIN, 4'-DEMETHYL-, 9-(4,6-O-2-THENYLIDENE-BETA-D-GLUCOPYRANOSIDE)	Teniposide	29767202	California Proposition 65 listed for developmental	
EPIPODOPHYLLOTOXIN, 4'-DEMETHYL-, 9-(4,6-O-2-THENYLIDENE-BETA-D-GLUCOPYRANOSIDE)	Teniposide	29767202	Probably carcinogenic to humans' IARC (Category 2A, Volume 76 2000)	
EPOXICONAZOLE	(2R,3R) 3(2Chlorophenyl)2(4fluorophenyl)[(1H1,2,4triazol1yl)methyl]oxirane; Epoxiconazole	133855988	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
EPOXICONAZOLE	(2R,3R)3(2chlorophenyl)2(4fluorophenyl)[(1H1,2,4triazol1yl)methyl]oxirane	106325080; 133855988	Classified as 'suspected of causing cancer' (GHS H351).	
EPOXICONAZOLE	(2R,3R)3(2chlorophenyl)2(4fluorophenyl)[(1H1,2,4triazol1yl)methyl]oxirane	106325080; 133855988	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
EPOXICONAZOLE	Epoxiconazole	135319732	California Proposition 65 listed for cancer	
EPTC	Ethyl dipropylthiocarbamate	759944	California Proposition 65 listed for developmental	
ERGOCRYPTINE	12'hydroxy5'_isobutyl2'isopropylergotaman3',6',18trione	511091	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ERGOLINE-8-BETA-CARBOXAMIDE, 9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-	Lysergide (INN) (LSD) and its salts	50373	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ERGOLINE-8-BETA-CARBOXAMIDE, 9,10-DIDEHYDRO-N,N-DIETHYL-6-METHYL-	Lysergide and its salts	50373	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ERGOLINE-8-CARBOXYLIC ACID, 9,10-DIDEHYDRO-6-METHYL-, (8-BETA)-	Lysergic acid	82586	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ERGOLINE-8-CARBOXYLIC ACID, 9,10-DIDEHYDRO-6-METHYL-, (8-BETA)-	Lysergic acid	82586	Classified as 'toxic if inhaled' (GHS H331).	
ERGOTAMINE TARTRATE	Ergotamine tartrate	379793	California Proposition 65 listed for developmental	
ERGOTAMINE, 9,10-DIHYDRO-, MONOMETHANESULFONATE (SALT)	Dihydroergotamine mesylate	6190392	California Proposition 65 listed for developmental	
ERIONITE	erionite	12510428; 66733219	California Proposition 65 listed for cancer	
ERIONITE	erionite	12510428	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ERIONITE	erionite	66733219	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ERIONITE	erionite	66733219	Carcinogenic to humans' IARC (Category 1, Volume 42, Sup 7, 100C 2012)	
ERIONITE	erionite	66733219	Listed on the 14th Report on Carcinogens as a known carcinogen	
ERIONITE (CAKNA (AL2S7O18)2.14H2O)	erionite	12510428; 66733219	California Proposition 65 listed for cancer	
ERIONITE (CAKNA (AL2S7O18)2.14H2O)	erionite	66733219	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ERIONITE (CAKNA (AL2S7O18)2.14H2O)	erionite	66733219	Carcinogenic to humans' IARC (Category 1, Volume 42, Sup 7, 100C 2012)	
ERIONITE (CAKNA (AL2S7O18)2.14H2O)	erionite	66733219	Listed on the 14th Report on Carcinogens as a known carcinogen	
ERYTHROMYCIN	Erythromycin	114078	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ERYTHROMYCIN, 6-O-METHYL-	Clarithromycin	81103119	California Proposition 65 listed for developmental	
Ester Quats	Ester quats		EWG Verified doesn't allow products to use nonspecific ingredient names.	
ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-(SULFOOXY)-, COMPD. WITH PIPERAZINE (1:1)	Estropipate	7280377	California Proposition 65 listed for cancer, developmental	
ESTRA-1,3,5(10)-TRIEN-17-ONE, 3-METHOXY-	3methoxyoestra1,3,5(10)trien17one	1624620	Classified as 'suspected of causing cancer' (GHS H351).	
ESTRA-4,9,11-TRIEN-3-ONE, 17-BETA-HYDROXY-	(1S,3aS,3bS,11a5)1hydroxy11amethyl1H,2H,3H,3aH,3bH,4H,5H,7H,8H,9H,11aHcyclopenta[a]phenanthren7one	10161338	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ESTRADIOL	Estradiol	50282	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ESTRADIOL	Estradiol 17B	50282	California Proposition 65 listed for cancer	
ESTRONE	Estrone	53167	California Proposition 65 listed for cancer	
ESTRONE	Estrone	53167	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANAMINE, 2-(4-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-N,N-DIMETHYL-, (Z)-, 2-HYDROXY-1,2,3-	Tamoxifen citrate	54965241	California Proposition 65 listed for developmental	
ETHANAMINIUM, N,N,N-TRIETHYL-, SALT WITH 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-HEPTADEC AFLUORO-1-	Tetraethylammonium heptadecafluorooctanesulphonate	56773423	Classified as 'suspected of causing cancer' (GHS H351).	
ETHANAMINIUM, N,N,N-TRIETHYL-, SALT WITH 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-HEPTADEC AFLUORO-1-	Tetraethylammonium heptadecafluorooctanesulphonate	56773423	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ETHANAMINIUM, N,N,N-TRIETHYL-, SALT WITH 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-HEPTADEC AFLUORO-1-	Tetraethylammonium heptadecafluorooctanesulphonate	56773423	Classified as 'may cause harm to breastfed children' (GHS H362).	
ETHANE	ethane	74840	EWG F scoring ingredient under any condition of use.	
ETHANE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	DDD (Dichlorodiphenyldichloroethane)	72548	California Proposition 65 listed for cancer	
ETHANE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	p,p'DDD	72548	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	p,p'Dichlorodiphenyl dichloroethane (DDD)	72548	EPA IRIS 'probable carcinogen'.	
ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-METHOXYPHENYL)-	Methoxychlor	72435	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-METHOXYPHENYL)-	Methoxychlor	72435	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
ETHANE, 1,1,1-TRICHLORO-2,2-BIS(P-METHOXYPHENYL)-	p,p'Methoxychlor	72435	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloroethane	630206	California Proposition 65 listed for cancer	
ETHANE, 1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloroethane	630206	EPA IRIS 'possible carcinogen'.	
ETHANE, 1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloroethane	630206	Possibly carcinogenic to humans' IARC (Category 2B, Volume 41, Sup 7, 71, 106 2014)	
ETHANE, 1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloroethane	630206	Listed as an IARC Group 2B Carcinogen	
ETHANE, 1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloroethane	630206	California Prop65 Chemical (cancer)	
ETHANE, 1,2-BIS(2,3-EPOXYPROPOXY)-	2,2'[ethylenebis(oxyethylene)]bisoxirane	2224159	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHANE, 2-(O-CHLOROPHENYL)-2-(P-CHLOROPHENYL)-1,1-DICHLORO-	o,p'DDD	53190	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 2-(O-CHLOROPHENYL)-2-(P-CHLOROPHENYL)-1,1,1-TRICHLORO-	o,p'DDT	789026	California Proposition 65 listed for developmental, female, male	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHANE, 2-(O-CHLOROPHENYL)-2-(P-CHLOROPHENYL)-1,1,1-TRICHLORO-	o,p'DDT	789026	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 2-BROMO-2-CHLORO-1,1,1-TRIFLUORO-	Halothane	151677	California Proposition 65 listed for developmental	
ETHANE, 2,2-BIS(P-CHLOROPHENYL)-1,1,1,2-TETRACHLORO-	1,1,1,2Tetrachloro2,2bis(4chlorophenyl)ethane (tetrachloro DDT)	3563459	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, 2,2-DICHLORO-1,1,1-TRIFLUORO-	2,dichloro1,1,1trifluoroethane	306832	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHANE, 2,2-DIPHENYL-1,1,1-TRICHLORO-	1,1,1Trichloro2,2bis(4chlorophenyl)ethane	2971224	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	California Proposition 65 listed for cancer	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	EPA IRIS 'likely carcinogenic'.	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	Possibly carcinogenic to humans' IARC (Category 2B, Volume 73 1999)	
ETHANE, HEXACHLORO-	Hexachloroethane	67721	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ETHANE, PENTAFLUOROIODO-	Pentafluoroiodoethane	354643	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHANE, TETRACHLORO-	TCA	650511	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHANEDILOYL DICHLORIDE	Oxalyl dichloride	79378	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANEDILOYL DICHLORIDE	Oxalyl dichloride	79378	Classified as 'fatal if inhaled' (GHS H330).	
ETHANEDILOYL DICHLORIDE	Oxalyl dichloride	79378	Classified as 'toxic if inhaled' (GHS H331).	
ETHANESULFONIC ACID, 2-HYDROXY-	2hydroxyethanesulphonic acid	107368	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANESULFONYL CHLORIDE	Ethanesulphonyl chloride	594445	Classified as 'fatal in contact with skin' (GHS H310).	
ETHANESULFONYL CHLORIDE	Ethanesulphonyl chloride	594445	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANESULFONYL CHLORIDE	Ethanesulphonyl chloride	594445	Classified as 'fatal if inhaled' (GHS H330).	
ETHANIMIDOTHIOIC ACID, N,N'-(THIOBIS(METHYLIMINO)CARBONYLOXY))BIS-, DIMETHYL ESTER	Thiodicarb	59669260	California Proposition 65 listed for cancer	
ETHANOL, 1,1',1",1'''-(NEOPENTANETETRAYLTETRAOXY)TETRAKIS(2,2,2-TRICHLORO-	Petrichloral	78126	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOL, 1,1',1",1'''-(NEOPENTANETETRAYLTETRAOXY)TETRAKIS(2,2,2-TRICHLORO-	Petrichloral (INN)	78126	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANOL, 2-((2-AMINOETHYL)AMINO)-	2(2aminoethylamino)ethanol	111411	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-((2-AMINOETHYL)AMINO)-	Aminoethyl Ethanolamine	111411	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHANOL, 2-((2-AMINOETHYL)AMINO)-	Aminoethyl Ethanolamine	111411	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ETHANOL, 2-(2-(4-(P-CHLORO-ALPHA-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)-	Hydroxyzine	68882	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOL, 2-(2-(4-(P-CHLORO-ALPHA-PHENYLBENZYL)-1-PIPERAZINYL)ETHOXY)-	Hydroxyzine (INN)	68882	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANOL, 2-(2-(DIETHYLAMINO)ETHOXY)-	2[2(diethylamino)ethoxy]ethanol	140829	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(2-AMINOETHOXY)-	2(2aminoethoxy)ethanol	929066	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(2-BUTOXYETHOXY)-, ACETATE	Ethanol, 2(2butoxyethoxy), acetate	124174	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
ETHANOL, 2-(2-CHLOROETHOXY)-	2(2chloroethoxy)ethanol	628897	Classified as 'suspected of causing cancer' (GHS H351).	
ETHANOL, 2-(2-DIMETHYLAMINOETHOXY)-	2[2(dimethylamino)ethoxy]ethanol	1704627	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(3-AMINOPROPOXY)ETHOXY-	2[2(3aminopropoxy)ethoxy]ethanol	112334	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(BIS(2-ETHYLHEXYL)AMINO)-	2[bis(2ethylhexyl)amino]ethanol	101075	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHANOL, 2-(DIISOPROPYLAMINO)-	2diisopropylaminoethanol	96800	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHANOL, 2-(DIISOPROPYLAMINO)-	2diisopropylaminoethanol	96800	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(DIISOPROPYLAMINO)-	2diisopropylaminoethanol	96800	Classified as 'toxic if inhaled' (GHS H331).	
ETHANOL, 2-(ETHYLTHIO)-	2(ethylthio)ethanol	110770	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-(P-CHLOROPHENYL)-1-(P-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-P-TOLYL-	Triparanol	78411	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOL, 2-(P-CHLOROPHENYL)-1-(P-(2-(DIETHYLAMINO)ETHOXY)PHENYL)-1-P-TOLYL-	Triparanol (INN)	78411	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANOL, 2-[(2-ETHYLHEXYL)OXY]-	2[(2ethylhexyl)oxy]ethanol	1559359	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Ethanol, 2-amino-, compds. with polyethylene glycol hydrogen sulfate C12-15-alkyl ethers	Ethanol, 2amino, compds. with polyethylene glycol hydrogen sulfate C1215alkyl ethers	162201458	Ethanolamines can cause asthma, and contain harmful impurities	
ETHANOL, 2-AMINO-1,2-BIS(P-METHOXYPHENYL)-, HYDROCHLORIDE	2Amino1,2bis(4methoxyphenol) ethanol and its salts	5934190	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOL, 2-ANILINO-	2anilinoethanol	122985	Classified as 'fatal in contact with skin' (GHS H310).	
ETHANOL, 2-ANILINO-	2anilinoethanol	122985	Classified as 'toxic in contact with skin' (GHS H311).	
ETHANOL, 2-ANILINO-	2anilinoethanol	122985	Classified as 'toxic if inhaled' (GHS H331).	
ETHANOL, 2-BROMO-	2Bromoethanol	540512	Classified as 'fatal in contact with skin' (GHS H310).	
ETHANOL, 2-BROMO-	2Bromoethanol	540512	Classified as 'toxic in contact with skin' (GHS H311).	
ETHANOL, 2-BROMO-	2Bromoethanol	540512	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-BROMO-	2Bromoethanol	540512	Classified as 'fatal if inhaled' (GHS H330).	
ETHANOL, 2-BROMO-	2Bromoethanol	540512	Classified as 'toxic if inhaled' (GHS H331).	
ETHANOL, 2-BUTOXY-, PHOSPHATE (3:1)	Tri2Butoxyethyl phosphate	78513	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
ETHANOL, 2-CHLORO-, PHOSPHATE (3:1)	tris(2 Chloroethyl) phosphate	115968	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANOL, 2-CHLORO-, PHOSPHATE (3:1)	Tris(2chloroethyl) phosphate	115968	California Proposition 65 listed for cancer	
ETHANOL, 2-CHLORO-, PHOSPHATE (3:1)	Tris(2chloroethyl) phosphate	115968	Classified as 'suspected of causing cancer' (GHS H351).	
ETHANOL, 2-IODO-	2iodoethanol	624760	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHANOL, 2-ISOBUTOXY-	2(2methylpropoxy)ethanol	4439241	Classified as 'toxic in contact with skin' (GHS H311).	
ETHANOL, 2-ISOBUTOXY-	2(2methylpropoxy)ethanol	4439241	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-METHOXY-, ACRYLATE	2methoxyethyl acrylate	3121617	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ETHANOL, 2-METHOXY-, ACRYLATE	2methoxyethyl acrylate	3121617	Classified as 'toxic in contact with skin' (GHS H311).	
ETHANOL, 2-METHOXY-, ACRYLATE	2methoxyethyl acrylate	3121617	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2-METHOXY-, ACRYLATE	2methoxyethyl acrylate	3121617	Classified as 'toxic if inhaled' (GHS H331).	
ETHANOL, 2-METHOXY-, ACRYLATE	ETHANOL, 2-METHOXY-, ACRYLATE	3121617	Europe prohibits this ingredient in cosmetics	
ETHANOL, 2-TERT-BUTOXY-	2(1,1dimethylethoxy)ethanol	7580850	Classified as 'toxic if inhaled' (GHS H331).	
ETHANOL, 2,2,2-TRIBROMO-	2,2,2 Tribromoethanol (tribromoethyl alcohol)	75809	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHANOL, 2,2,2-TRIBROMO-	Tribromoethanol	75809	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOL, 2,2'-(BUTYLIMINO)DI-	2,2'butyliminodiethanol	102794	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2,2'-CYCLOHEXYLIMINODI-	2,2'(cyclohexylimino)bisethanol	4500292	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2,2'-IMINOBIS-, N-C12-18-ALKYL DERIVS.	Ethanol, 2,2'iminobis, NC1218alkyl derivs.	71786602	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOL, 2,2'-IMINOBIS-, N-C12-18-ALKYL DERIVS.	Ethanol, 2,2'iminobis, NC1218alkyl derivs.	71786602	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHANOL, TRIBROMO-	Tribromoethanol	75809	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHANOLAMINE	2Aminoethanol	141435	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHANOLAMINE	Ethanolamine	141435	Ethanolamines can cause asthma, and contain harmful impurities	
ETHANOLAMINE	Monoethanolamine	141435	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHANOLAMINE	Monoethanolamine	141435	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Ethanolamine C9 Branched Alkylphenol Ether Sulfate	Ethanolamine C9 Branched Alkylphenol Ether Sulfate		Ethanolamines can cause asthma, and contain harmful impurities	
Ethanone, 1-(3-methyl-2-benzofuranyl)-	1(3methyl1benzofuran2yl)ethanone	23911560	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHANONE, 1-(4-CHLOROPHENYL)-	4'chloroacetophenone	99912	Classified as 'fatal if inhaled' (GHS H330).	
ETHANONE, 1-(4-CHLOROPHENYL)-2-((3-(10,11-DIHYDRO-5H-DIBENZ(B,F)AZEPIN-5-YL)PROPYL)	Lofepramine	23047258	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHER, 1-CHLORO-2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL	Isoflurane	26675467	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHER, 1-CHLORO-2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL	Isoflurane	26675467	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ETHER, 2-CHLORO-1,1,2-TRIFLUOROETHYL DIFLUOROMETHYL	Enflurane	13838169	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHER, 2-CHLORO-1,1,2-TRIFLUOROETHYL DIFLUOROMETHYL	Enflurane	13838169	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ETHER, BIS(4-AMINO-3-CHLOROPHENYL)	3,3'Dichloro4,4'diaminodiphenyl ether	28434868	California Proposition 65 listed for cancer	
ETHER, BIS(4-AMINO-3-CHLOROPHENYL)	3,3'Dichloro4,4'diaminodiphenyl ether	28434868	Possibly carcinogenic to humans' IARC (Category 2B, Volume 16, Sup 7 1987)	
ETHER, BIS(PENTABROMOPHENYL)	2,2',3,3',4,4',5,5',6,6'Decabromodiphenyl ether (BDE209)	1163195	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
ETHER, BIS(PENTABROMOPHENYL)	Bis(pentabromophenyl) ether	1163195	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHER, ETHYL TERT-PENTYL	2ethoxy2methylbutane	919948	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHER, ETHYL VINYL	ETHYL VINYL ETHER	109922	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHER, FLUOROMETHYL 2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHYL-	Sevoflurane	28523866	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHER, FLUOROMETHYL 2,2,2-TRIFLUORO-1-(TRIFLUOROMETHYL)ETHYL-	Sevoflurane	28523866	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ETHINYLESTRADIOL	Ethinylestradiol	57636	California Proposition 65 listed for cancer	
ETHINYLESTRADIOL	Ethinylestradiol	57636	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHINYLESTRADIOL	Norethisterone (Norethindrone) /Ethinyl estradiol	68224; 57636	California Proposition 65 listed for developmental	
ETHOPROPHOS	Ethoprop	13194484	California Proposition 65 listed for cancer	
ETHOXYDIGLYCOL	Ethoxydiglycol	111900	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
ETHOXYDIGLYCOL ACETATE	Ethanol, 2(2ethoxyethoxy), acetate	112152	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
ETHOXYETHANOL	2 Ethoxyethanol and its acetate (2Ethoxyethyl acetate)	110805; 111159	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHOXYETHANOL	2Ethoxyethanol	110805	Classified as 'toxic if inhaled' (GHS H331).	
ETHOXYETHANOL	2Ethoxyethanol	110805	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ETHOXYETHANOL	Ethoxyethanol	110805	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHOXYETHANOL	Ethoxyethanol	110805	EWG F scoring ingredient under any condition of use.	
ETHOXYETHANOL	Ethylene glycol monoethyl ether	110805	California Proposition 65 listed for developmental, male	
ETHOXYETHANOL	Ethylene glycol monoethyl ether and its acetate	110805; 111159	Prohibited by the International Fragrance Association for use in fragrance.	
ETHOXYETHANOL ACETATE	2 Ethoxyethanol and its acetate (2Ethoxyethyl acetate)	110805; 111159	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHOXYETHANOL ACETATE	Ethoxyethanol acetate	111159	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHOXYETHANOL ACETATE	Ethoxyethanol acetate	111159	EWG F scoring ingredient under any condition of use.	
ETHOXYETHANOL ACETATE	Ethylene glycol monoethyl ether acetate	111159	California Proposition 65 listed for developmental, male	
ETHOXYETHANOL ACETATE	Ethylene glycol monoethyl ether and its acetate	110805; 111159	Prohibited by the International Fragrance Association for use in fragrance.	
ethoxylated amines	Ethoxylated Amines		EWG Verified doesn't allow products to use nonspecific ingredient names.	
ETHYL 2-(4-PHENOXYPHENOXY)ETHYL]CARBAMATE; FENOXYCARB	Fenoxycarb	72490018	California Proposition 65 listed for cancer	
ETHYL 2-(ISOCYANATOSULFONYL)BENZOATE	ethyl 2(isocyanatosulfonyl)benzoate	77375792	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ETHYL 2-(ISOCYANATOSULFONYL)BENZOATE	ethyl 2(isocyanatosulfonyl)benzoate	77375792	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHYL 2-[4-[[6-CHLOROENOXAZOL-2-YL]OXY]PHENOXY]PROPIONATE; FENOXAPROP-ETHYL	Fenoxaprop ethyl	66441234	California Proposition 65 listed for developmental	
ETHYL BROMOACETATE	ethyl bromoacetate	105362	Classified as 'fatal in contact with skin' (GHS H310).	
ETHYL BROMOACETATE	ethyl bromoacetate	105362	Classified as 'fatal if inhaled' (GHS H330).	
ETHYL CHLOROACETATE	ethyl chloroacetate	105395	Classified as 'fatal in contact with skin' (GHS H310).	
ETHYL CHLOROACETATE	ethyl chloroacetate	105395	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYL CHLOROACETATE	ethyl chloroacetate	105395	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHYL CHLOROFORMATE	ethyl chloroformate	541413	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYL CHLOROFORMATE	ethyl chloroformate	541413	Classified as 'fatal if inhaled' (GHS H330).	
ETHYL N-(5-CHLORO-3-(4-(DIETHYLAMINO)-2-METHYLPHENYLIMINO)-4-METHYL-6-OXO-1,4-CYCLOHEXADIENYL)CARBAMATE	ethyl N(5chloro3(4(diethylamino)2methylphenylimino)4methyl6oxo1,4cyclohexadienyl)carbamate	125630946	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHYL PERFLUOROBUTYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ETHYL UROCANATE	3 Imidazolylacrylic acid (Urocanic acid) and its ethyl ester	27538358; 104983	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYL UROCANATE	3Imidazolylacrylic acid and its ethyl ester	104983; 27538358	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLACRYLATE	ethyl acrylate	140885	California Proposition 65 listed for cancer	
ETHYLACRYLATE	ethyl acrylate	140885	Prohibited by the International Fragrance Association for use in fragrance.	
ETHYLACRYLATE	ethyl acrylate	140885	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLACRYLATE	ethyl acrylate	140885	Possibly carcinogenic to humans' IARC (Category 2B, Volume 39, Sup 7, 71, 122 in prep.)	
ETHYLACRYLATE	Ethyl acrylate, when used as a fragrance ingredient	140885	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLACRYLATE	ethyl acrylate	140885	Listed as an IARC Group 2B Carcinogen	
ETHYLAMINE, 2-((P-(BUTYLTHIO)-ALPHA-PHENYLBENZYL)THIO)-N,N-DIMETHYL-	Captodiame	486179	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLAMINE, 2-((P-(BUTYLTHIO)-ALPHA-PHENYLBENZYL)THIO)-N,N-DIMETHYL-	Captodiame (INN)	486179	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLAMINE, 2-(1-(P-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-	Chlorphenoxamine	77383	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLAMINE, 2-(1-(P-CHLOROPHENYL)-1-PHENYLETHOXY)-N,N-DIMETHYL-	Chlorphenoxamine (INN)	77383	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-	Diphenhydramine (INN) and its salts	58731; 147240; 88637370	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLAMINE, 2-(DIPHENYLMETHOXY)-N,N-DIMETHYL-	Diphenhydramine and its salts	58731	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethylammonium chloride	870246	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethylammonium chloride	870246	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-	2chloroethyldimethylamine	107993	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-	2chloroethyldimethylamine	107993	Classified as 'suspected of causing cancer' (GHS H351).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-	2chloroethyldimethylamine	107993	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-, HYDROCHLORIDE	2chloroethyldimethylammonium chloride	4584467	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-, HYDROCHLORIDE	2chloroethyldimethylammonium chloride	4584467	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYLAMINE, 2-CHLORO-N,N-DIMETHYL-, HYDROCHLORIDE	2chloroethyldimethylammonium chloride	4584467	Classified as 'fatal if inhaled' (GHS H330).	
ETHYLAMINE, 2,2,2-TRIFLUORO-	2,2,2trifluoroethylamine	753902	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLAMINE, 2,2,2-TRIFLUORO-	2,2,2trifluoroethylamine	753902	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLAMINE, 2,2'-OXYBIS(N,N-DIMETHYL-	N,N,N',N'tetramethyl2,2'oxybis(ethylamine)	3033623	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYLAMINE, 2,2'-OXYBIS(N,N-DIMETHYL-	N,N,N',N'tetramethyl2,2'oxybis(ethylamine)	3033623	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLAMINE, 2,2'-OXYBIS(N,N-DIMETHYL-	N,N,N',N'tetramethyl2,2'oxybis(ethylamine)	3033623	Classified as 'fatal if inhaled' (GHS H330).	
ETHYLAMINE, 2,2'-OXYBIS(N,N-DIMETHYL-	N,N,N',N'tetramethyl2,2'oxybis(ethylamine)	3033623	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLAMINE, N-METHYL-N-NITROSO-	<N</>Nitrosomethylethylamine	10595956	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
ETHYLAMINE, N-METHYL-N-NITROSO-	NNitrosoNmethylethylamine	10595956	EPA IRIS 'probable carcinogen'.	
ETHYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylethylamine	10595956	California Proposition 65 listed for cancer	
ETHYLAMINE, N-METHYL-N-NITROSO-	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Classified as 'suspected of causing genetic defects' (GHS H341).	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Classified as 'may cause harm to breastfed children' (GHS H362).	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Carcinogenic to humans' IARC (Category 1, Volume 66, 100A 2012)	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen and its salts	10540291	California Proposition 65 listed for cancer	
ETHYLAMINE, N,N-DIMETHYL-2-(P-(1,2-DIPHENYL-1-BUTENYL)PHENOXY)-, (Z)-	Tamoxifen	10540291	Listed on the 14th Report on Carcinogens as a known carcinogen	
ETHYLBENZENE	ethylbenzene	100414	California Proposition 65 listed for cancer	
ETHYLBENZENE	ethylbenzene	100414	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77 2000)	
ETHYLDIMETHYLAMINE	ethyl dimethylamine	598561	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLDIMETHYLAMINE	ethyl dimethylamine	598561	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLENE CHLOROETHANOL	2Chloroethanol	107073	Classified as 'may cause cancer' (GHS H350).	
ETHYLENE CHLOROETHANOL	2Chloroethanol	107073	Classified as 'fatal in contact with skin' (GHS H310).	
ETHYLENE CHLOROETHANOL	2Chloroethanol	107073	Classified as 'fatal if inhaled' (GHS H330).	
ETHYLENE CHLOROETHANOL	2Chloroethanol	107073	Classified as 'may cause genetic defects' (GHS H340).	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	EPA IRIS 'probable carcinogen'.	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	Classified as 'may cause cancer' (GHS H350).	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	Possibly carcinogenic to humans' IARC (Category 2B, Volume 20, Sup 7, 71 1999)	
ETHYLENE DICHLORIDE	Dichloroethanes	1300216; 107062	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE DICHLORIDE	Dichloroethanes (ethylene chlorides) e.g. 1,2 Dichloroethane	107062	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLENE DICHLORIDE	Ethylene dichloride (1,2Dichloroethane)	107062	California Proposition 65 listed for cancer	
ETHYLENE DICHLORIDE	1,2Dichloroethane	107062	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ETHYLENE DINITRATE	ethylene dinitrate	628966	Classified as 'fatal in contact with skin' (GHS H310).	
ETHYLENE DINITRATE	ethylene dinitrate	628966	Classified as 'fatal if inhaled' (GHS H330).	
ETHYLENE GLYCOL	Ethylene glycol (ingested)	107211	California Proposition 65 listed for developmental	
ETHYLENE GLYCOL	Ethylene glycol (ingested)	107211	California Prop65 Chemical (developmental)	
ethylene glycol diethyl ether	ETHYLENE GLYCOL DIETHYL ETHER	629141	EWG F scoring ingredient under any condition of use.	
ethylene glycol monomethyl ether	2 Methoxyethanol and its acetate (2Methoxyethyl acetate)	109864; 110496	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ethylene glycol monomethyl ether	2Methoxyethanol	109864; 109875	Classified as 'toxic if inhaled' (GHS H331).	
ethylene glycol monomethyl ether	2Methoxyethanol	109864; 109875	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ethylene glycol monomethyl ether	Ethylene glycol monomethyl ether	109864	California Proposition 65 listed for developmental, male	
ethylene glycol monomethyl ether	Ethylene glycol monomethyl ether	109864	EWG F scoring ingredient under any condition of use.	
ethylene glycol monomethyl ether	Ethylene glycol monomethyl ether and its acetate	109864; 110496	Prohibited by the International Fragrance Association for use in fragrance.	
ethylene glycol monomethyl ether	Methoxyethanol	109864	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE OXIDE	Ethylene Oxide	75218	California Proposition 65 listed for cancer	
ETHYLENE OXIDE	Ethylene Oxide	75218	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLENE OXIDE	Ethylene Oxide	75218	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE OXIDE	Ethylene Oxide	75218	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
ETHYLENE OXIDE	Ethylene Oxide	75218	EPA IRIS 'carcinogenic to humans'.	
ETHYLENE OXIDE	Ethylene Oxide	75218	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 60, 97, 100F 2012)	
ETHYLENE OXIDE	Ethylene oxide [Basis for listing changed effective November 22, 2013]	75218	California Proposition 65 listed for developmental, male	
ETHYLENE OXIDE	Ethylene oxide [Basis for listing changed effective November 22, 2013]	75218	California Proposition 65 listed for female	
ETHYLENE OXIDE	Ethylene Oxide	75218	Listed on the 14th Report on Carcinogens as a known carcinogen	
ETHYLENE THIOUREA	Ethylene thiourea	96457	California Proposition 65 listed for developmental	
ETHYLENE THIOUREA	Ethylene thiourea	96457	California Proposition 65 listed for cancer	
ETHYLENE THIOUREA	Ethylene thiourea	96457	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHYLENE THIOUREA	Ethylene Thiourea (ETU)	96457	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHYLENE THIOUREA	Imidazolidine 2thione (Ethylene thiourea)	96457	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLENE THIOUREA	Imidazolidine2thione	96457	Classified as 'suspected of causing cancer' (GHS H351).	
ETHYLENE THIOUREA	Ethylene thiourea	96457	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ETHYLENE UREA	2imidazolidone	120934	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ETHYLENE, 1-CHLORO-2-(2-CHLOROPHENYL)-2-(4-CHLOROPHENYL)-	o,p'DDMU	14835940	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHYLENE, 1,1-BIS(P-CHLOROPHENYL)-2-CHLORO-	p,p'DDMU	1022226	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHYLENE, 1,1-DICHLORO-2-(O-CHLOROPHENYL)-2-(P-CHLOROPHENYL)-	o,p'DDE	3424826	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHYLENE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	1,1Dichloro2,2bis(pchloropheny)ethylene (DDE)	72559	California Proposition 65 listed for developmental, male	
ETHYLENE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	DDE (Dichlorodiphenyldichloroethylene)	72559	California Proposition 65 listed for cancer	
ETHYLENE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	p,p'DDE	72559	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ETHYLENE, 1,1-DICHLORO-2,2-BIS(P-CHLOROPHENYL)-	p,p'Dichlorodiphenyldichloroethylene (DDE)	72559	EPA IRIS 'probable carcinogen'.	
ETHYLENE, 1,2-DICHLORO-	Dichloroethylenes	25323302; 540590; 75354; 156592; 156605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE, 1,2-DICHLORO-, (E)-	Dichloroethylenes	25323302; 540590; 75354; 156592; 156605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE, 1,2-DICHLORO-, (E)-	transDichloroethylene	156605	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ETHYLENE, 1,2-DICHLORO-, (Z)-	Dichloroethylenes	25323302; 540590; 75354; 156592; 156605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE, 1,2-DIETHOXY-	ETHYLENE GLYCOL DIETHYL ETHER	629141	EWG F scoring ingredient under any condition of use.	
ETHYLENE, CHLOROTRIFLUORO-	CHLOROTRIFLUOROETHYLENE	79389	Classified as 'toxic if inhaled' (GHS H331).	
ETHYLENE, CHLOROTRIS(P-METHOXYPHENYL)-	Chlorotriaisene	569573	California Proposition 65 listed for cancer	
ETHYLENE, DICHLORO-	Dichloroethylenes	25323302; 540590; 75354; 156592; 156605	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	California Proposition 65 listed for cancer	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	Classified as 'may cause cancer' (GHS H350).	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	Probably carcinogenic to humans' IARC (Category 2A, Volume 19, Sup 7, 71, 110 2017)	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	Listed as an IARC Group 2A Carcinogen	
ETHYLENE, TETRAFLUORO-	Tetrafluoroethylene	116143	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ETHYLENE/ PROPYLENE/ STYRENE COPOLYMER	ethylene/propylene/styrene copolymer		Nonbiodegradable microplastic and wipe/sheet ingredients.	
ETHYLENE/ACRYLATE COPOLYMER	ethylene/acrylate copolymer		Nonbiodegradable microplastic and wipe/sheet ingredients.	
ETHYLENE/METHACRYLATE COPOLYMER	ETHYLENE/METHACRYLATE COPOLYMER	25103746	Nonbiodegradable microplastic and wipe/sheet ingredients.	
ETHYLENEDIAMINE	Ethylenediamine	107153	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ETHYLENEDIAMINE	Ethylenediamine	107153	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHYLENEDIAMINE	Ethylenediamine	107153	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYLENEDIAMINE	Ethylenediamine	107153	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLENEDIAMINE	Ethylenediamine	107153	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ETHYLENEDIAMINE	SurfactantSpecific amines	68155395; 107153	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ETHYLENEDIAMINE	Ethylenediamine	107153	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ETHYLENEDIAMINE, N,N-DIETHYL-	2aminoethyl-diethylamine	100367	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ETHYLENEDIAMINE, N,N-DIETHYL-	2aminoethyldiethylamine	100367	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLENEDIAMINE, N,N-DIISOPROPYL-	2aminoethyldiisopropylamine	121051	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLENEDIAMINE, N,N-DIISOPROPYL-	N,N'diisopropylethylenediamine	4013949	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLENEIMINE	aziridine	151564	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ETHYLENEIMINE	aziridine	151564	Classified as 'may cause cancer' (GHS H350).	
ETHYLENEIMINE	aziridine	151564	Classified as 'fatal in contact with skin' (GHS H310).	
ETHYLENEIMINE	aziridine	151564	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETHYLENEIMINE	aziridine	151564	Classified as 'fatal if inhaled' (GHS H330).	
ETHYLENEIMINE	aziridine	151564	Classified as 'may cause genetic defects' (GHS H340).	
ETHYLENEIMINE	aziridine	151564	Possibly carcinogenic to humans' IARC (Category 2B, Volume 9, Sup 7, 71 1999)	
ETHYLENEIMINE	Ethyleneimine (Aziridine)	151564	California Proposition 65 listed for cancer	
ETHYLHEXANAL	2Ethylhexanal	123057	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ETHYLHEXANOL	2Ethylhexanol	104767	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
ETHYLHEXYL BENZOATE	2ETHYLHEXYL BENZOATE	5444757	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ETHYLHEXYL BIS-ISOPENTYLBENZOXAZOLYLPHENYL MELAMINE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
ETHYLHEXYL METHOXYCRYLENE	2ethylhexyl (2E)2cyano3(4methoxyphenyl)3phenylprop2enoate 2ethylhexyl (2Z)2cyano3(4methoxyphenyl)3phenylprop2enoate	947753664	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ETHYLHEXYLBICYCLOHEPTENE DICARBOXIMIDE	N(2ethylhexyl)8,9,10trinorborn5ene2,3dicarboximide	113484	Classified as 'toxic in contact with skin' (GHS H311).	
ETHYLTRIMONIUM CHLORIDE METHACRYLATE/HYDROXYETHYLACRYLAMIDE COPOLYMER	ETHYLTRIMONIUM CHLORIDE METHACRYLATE/HYDROXYETHYLACRYLAMIDE COPOLYMER		Polyquaternium compounds are persistent and have high aquatic toxicity.	
ETIDRONIC ACID	ETIDRONIC ACID	2809214; 64186	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
ETIDRONIC ACID	ETIDRONIC ACID	64186; 2809214	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ETOCRYLENE	Etocrilene	5232995	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
EUDESMA-1,4-DIEN-12-OIC ACID, 6-ALPHA-HYDROXY-3-OXO-, GAMMA-LACTONE, (11S)-	alpha Santonin [(3S,5aR,9bS)3,3a,4,5,5a,9bhexahydro3,5a,9trimethylnaphto[1,2b]furan2,8dione]	481061	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
EUDESMA-1,4-DIEN-12-OIC ACID, 6-ALPHA-HYDROXY-3-OXO-, GAMMA-LACTONE, (11S)-	αSantonin	481061	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Treemoss Extracts	90028674; 68648419; 68917408	EU cosmetics ban	
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oakmoss Extracts	90028685; 9000504; 68917102	EU cosmetics ban	
Fast Green FCF (Uncertified FD&C Green No. 3)	Uncertified color additives subject to batch certification	2353459	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Fatty acid methyl ester ethoxylates	Fatty Acid Methyl Ester Ethoxylates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	Fatty Acids, C1020 And C1618Unsatd., Reaction Products With Triethanolamine, DiMe SulfateQuaternized	91995812	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	Fatty Acids, C1020 And C1618Unsatd., Reaction Products With Triethanolamine, DiMe SulfateQuaternized	91995812	Ethanolamines can cause asthma, and contain harmful impurities	
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulphate quaternized	Fatty Acids, C1220, Reaction Products With Triethanolamine, DiMe Sulphate Quaternized	91032110	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulphate quaternized	Fatty Acids, C1220, Reaction Products With Triethanolamine, DiMe Sulphate Quaternized	91032110	Ethanolamines can cause asthma, and contain harmful impurities	
Fatty acids, tallow, reaction product with triethanolamine, diMe sulfate-quaternized	Fatty Acids, Tallow, Reaction Product With Triethanolamine, Dime SulfateQuaternized	93334157	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Fatty acids, tallow, reaction product with triethanolamine, diMe sulfate-quaternized	Fatty Acids, Tallow, Reaction Product With Triethanolamine, Dime SulfateQuaternized	93334157	Ethanolamines can cause asthma, and contain harmful impurities	
FATTY ALCOHOLS	Fatty alcohols		EWG Verified doesn't allow products to use nonspecific ingredient names.	
FD&C RED NO. 3	2',4',5',7' Tetraiodofluorescein, its disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products	15905325; 16423680; 12227780	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
FD&C RED NO. 3	FD&C RED NO. 3	16423680	EWG F scoring ingredient under any condition of use.	
FD&C Red No. 4 (CI 14700)	Disodium 3 [[2,4dimethyl5sulphonatophenyl]azo]4hydroxynaphthalene1sulphonate (Ponceaux SX; CI 14700) when used as a substance in hair dye products	4548532	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FD&C Red No. 4 (CI 14700) Lake	Disodium 3 [[2,4dimethyl5sulphonatophenyl]azo]4hydroxynaphthalene1sulphonate (Ponceaux SX; CI 14700) when used as a substance in hair dye products	4548532	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FDC VIOLET #1 (PROHIBITED IN THE U.S.)	Benzyl violet 4B	1694093	California Proposition 65 listed for cancer	
FDC VIOLET #1 (PROHIBITED IN THE U.S.)	Benzyl violet 4B	1694093	Possibly carcinogenic to humans' IARC (Category 2B, Volume 16, Sup 7 1987)	
FDC VIOLET #1 (PROHIBITED IN THE U.S.)	CI 42640	1694093	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
FDC VIOLET #1 (PROHIBITED IN THE U.S.)	Colouring agent CI 42640 ([4 [[4(Dimethylamino)phenyl]4[ethyl(3sulphonatobenzyl)amino]phenyl]methyl ylene]cyclohexa2,5dien1ylidene)[ethyl(3sulphonatobenzyl)ammonium, sodium salt)	1694093	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FENARIMOL	Fenarimol	60168889	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
FENARIMOL	Fenarimol (ISO)	60168889	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FENITROTHION	Fenitrothion	122145	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
FENPROPIMORPH	Fenpropimorph (ISO)	67564914	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FENTHION	Fenthion	55389	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
FENTHION	Fenthion (ISO)	55389	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FENTHION	Fenthion	55389	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
FENTIN ACETATE	Fentin acetate	900958	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FENTIN ACETATE	Fentin acetate = triphenyltin acetate	900958	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
FENUGREEK	Fenugreek	68990158	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
FENUGREEK ABSOLUTE	Fenugreek	68990158	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
FERBAM	Ferbam	14484641	Classified as 'fatal if inhaled' (GHS H330).	
FERBAM	Ferbam	14484641	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FERRATE(2-), PENTACYANONITROSYL-, DISODIUM	Alkali pentacyanonitrosylferrate (2 )	14402892; 13755389	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FERRATE(2-), PENTACYANONITROSYL-, DISODIUM, DIHYDRATE	Alkali pentacyanonitrosylferrate (2 )	14402892; 13755389	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FERRATE(4-), HEXACYANO-, TETRASODIUM	Tetrasodium hexacyanoferrate	13601199	Classified as 'fatal in contact with skin' (GHS H310).	
FERRATE(4-), HEXACYANO-, TETRASODIUM	Tetrasodium hexacyanoferrate	13601199	Classified as 'fatal if inhaled' (GHS H330).	
FERRATE(4-), HEXACYANO-, TETRASODIUM	Tetrasodium hexacyanoferrate	13601199	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FERRIC CHLORIDE	Iron trichloride	7705080; 10025771	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FERROCHROME	Chromium Compounds	11114468	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
FIREMASTER BP-6	Polybrominated biphenyls	59536651	California Proposition 65 listed for developmental	
FIREMASTER BP-6	Polybrominated biphenyls	59536651	California Proposition 65 listed for cancer	
FIREMASTER BP-6	Polybrominated biphenyls	59536651	Probably carcinogenic to humans' IARC (Category 2A, Volume 41, Sup 7, 107 2016)	
FIREMASTER BP-6	Polybrominated biphenyls	59536651	Listed as an IARC Group 2A Carcinogen	
FIREMASTER BP-6	Polybrominated biphenyls	59536651	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
FLAVONE, 2',3,4',5,7-PENTAHYDROXY-	2',3,4',5,7-pentahydroxyflavone	480160; 654055013	Classified as 'suspected of causing genetic defects' (GHS H341).	
FLUAZIFOP-BUTYL	Fluazifop butyl	69806504	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FLUAZIFOP-BUTYL	Fluazifop butyl	69806504	California Proposition 65 listed for developmental	
FLUAZIFOP-P-BUTYL	Fluazifop Pbutyl (ISO)	79241466	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FLUMETRALIN	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
FLUMIOXAZIN	Flumioxazin	103361097	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Fluopicolide (ISO)	2,6-dichloro-N-[3-chloro-5-(trifluoromethyl)-2-pyridylmethyl]benzamide	607-285-6	This ingredient is banned the European Union	X
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'may cause genetic defects' (GHS H340).	
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'may cause cancer' (GHS H350).	
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'may damage fertility or the unborn child' (GHS H360).	
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'toxic in contact with skin' (GHS H311).	
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUORANTHENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	206440	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FLUORANTHENE, 3,7-DINITRO-	3,7Dinitrofluoranthene	105735715	California Proposition 65 listed for cancer	
FLUORANTHENE, 3,7-DINITRO-	3,7Dinitrofluoranthene	105735715	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 65, 105 2014)	
FLUORANTHENE, 3,7-DINITRO-	3,7Dinitrofluoranthene	105735715	Listed as an IARC Group 2B Carcinogen	
FLUORANTHENE, 3,9-DINITRO-	3,9Dinitrofluoranthene	22506532	California Proposition 65 listed for cancer	
FLUORANTHENE, 3,9-DINITRO-	3,9Dinitrofluoranthene	22506532	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 65, 105 2014)	
FLUORANTHENE, 3,9-DINITRO-	3,9Dinitrofluoranthene	22506532	Listed as an IARC Group 2B Carcinogen	
FLUOREN-2-AMINE	2Aminofluorene	153786	California Proposition 65 listed for cancer	
FLUORENE	Fluorene	86737	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FLUORESCEIN, 2',4',5',7'-TETRAIODO-	2',4',5',7' Tetraiodofluorescein, its disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products	15905325; 16423680; 12227780	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FLUORESCEIN, 2',7'-DIBROMO-4'-(HYDROXYMERCURIO)-, DISODIUM SALT	Merbromin	129168	Classified as 'fatal in contact with skin' (GHS H310).	
FLUORESCEIN, 2',7'-DIBROMO-4'-(HYDROXYMERCURIO)-, DISODIUM SALT	Merbromin	129168	Classified as 'fatal if inhaled' (GHS H330).	
FLUORESCEIN, 2',7'-DIBROMO-4'-(HYDROXYMERCURIO)-, DISODIUM SALT	Merbromin	129168	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FLUORESCENT BRIGHTENER 230	Disodium 4,4'bis[[4anilino6[[2carbamoyl(ethyl)(2hydroxyethyl)amino]1,3,5, triazin2yl]amino]stilbene2,2'disulphonate	27344065	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUORESCENT BRIGHTENER 230	Fluorescent Brightener 230	27344065	Non FDA approved colorant.	
FLUORINE	fluorine	7782414	Classified as 'fatal in contact with skin' (GHS H310).	
FLUORINE	fluorine	7782414	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUORINE	fluorine	7782414	Classified as 'fatal if inhaled' (GHS H330).	
FLUOROBORIC ACID	Tetrafluoroboric acid	16872110	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUOROSILICIC ACID	Hexafluorosilicic acid	16961834	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUOROSULPHONIC ACID	Fluorosulphuric acid	7789211	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FLUSILAZOLE	Flusilazole	85509199	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FOENICULUM VULGARE (FENNEL) FRUIT EXTRACT	Fennel, ext.	84625398	Classified as 'suspected of causing genetic defects' (GHS H341).	
FOENICULUM VULGARE (FENNEL) FRUIT EXTRACT	Fennel, ext.	84625398	Classified as 'suspected of causing cancer' (GHS H351).	
FOLLICLE-STIMULATING HORMONE	FSH; ; 4,8bis(mercaptomethyl)3,6,9trithia1,11undecanedithiol; 5,7bis(mercaptomethyl)3,6,9trithia1,11undecanedithiol; FSH, MR10B; reaction mass of: 4,7bis(mercaptomethyl)3,6,9trithia1,11undecanedithiol	9002680	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FOLLICLE-STIMULATING HORMONE	Menotropins	9002680	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
FOLLICLE-STIMULATING HORMONE	Urofollitropin	97048130	California Proposition 65 listed for developmental	
FOLPET	Folpet	133073	California Proposition 65 listed for cancer	
FOLPET	N (Trichloromethylthio)phthalimide (Folpet ISO)	133073	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FORMALDEHYDE	Formaldehyde	50000	Sensitizing asthagen designated by the Association of Occupational and Environmental Clinics.	
FORMALDEHYDE	Formaldehyde	50000	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
FORMALDEHYDE	Formaldehyde	50000	EPA IRIS 'probable carcinogen'.	
FORMALDEHYDE	Formaldehyde	50000	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 62, 88, 100F 2012)	
FORMALDEHYDE	Formaldehyde (gas)	50000	California Proposition 65 listed for cancer	
FORMALDEHYDE	Formaldehyde	50000	Listed on the 14th Report on Carcinogens as a known carcinogen	
FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PHENOL	Reaction mass of 2,2' Methylene bis(4tertbutylphenol), 4tertbutyl2,6bis[(5tertbutyl2hydroxyphenyl)methyl]phenol and 2,2'methylenebis[4tertbutyl6[(5tertbutyl2hydroxyphenyl)methyl]phenol]	25085501	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FORMALDEHYDE, POLYMER WITH BENZENAMINE	Formaldehyde, oligomeric reaction products with aniline	25214704	Classified as 'suspected of causing genetic defects' (GHS H341).	
FORMALDEHYDE, POLYMER WITH BENZENAMINE	Formaldehyde, oligomeric reaction products with aniline	25214704	Classified as 'may cause cancer' (GHS H350).	
FORMALDEHYDE, POLYMER WITH BENZENAMINE	Formaldehyde, oligomeric reaction products with aniline	25214704	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FORMAMIDE	formamide	75127	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FORMAMIDE, 1,1'-AZOBIS(N,N-DIMETHYL-	reaction products of Fatty acids, C1618 and C18unsatd (2 moles) with tetraethylenepentamine (1 mole); DIAMIDE	1226892461	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMAMIDE, 1,1'-AZOBIS(N,N-DIMETHYL-	reaction products of Fatty acids, C1618 and C18unsatd (2 moles) with tetraethylenepentamine (1 mole); DIAMIDE	1226892461	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FORMAMIDE, N,N-DI-N-BUTYL-	N,N-Dibutylformamide	761659	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMAMIDINE, N,N-DIMETHYL-N'-(5-(2-(5-NITRO-2-FURYL)VINYL)-1,3,4-OXADIAZOL-2-YL)-	<i>trans</i>2-[[Dimethylamino)methylimino]5[2(5nitro2furyl)viny]1,3,4oxadiazole	25962770	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
FORMIC ACID	ETIDRONIC ACID	64186; 2809214	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMIC ACID, 2-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)HYDRAZIDE	2(2Formylhydrazino)4(5nitro2furyl)thiazole	3570750	California Proposition 65 listed for cancer	
FORMIC ACID, 2-(4-(5-NITRO-2-FURYL)-2-THIAZOLYL)HYDRAZIDE	2(2Formylhydrazino)4(5nitro2furyl)thiazole	3570750	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
FORMIC ACID, CHLORO-, ALLYL ESTER	Allyl chloroformate	2937500	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMIC ACID, CHLORO-, ALLYL ESTER	Allyl chloroformate	2937500	Classified as 'fatal if inhaled' (GHS H330).	
FORMIC ACID, CHLORO-, FLUOREN-9-YLMETHYL ESTER	9Hfluoren9ylmethyl chloroformate	28920436	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMIC ACID, CHLORO-, ISOPROPYL ESTER	Isopropyl chloroformate	108236	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FORMIC ACID, CHLORO-, ISOPROPYL ESTER	Isopropyl chloroformate	108236	Classified as 'fatal if inhaled' (GHS H330).	
FORMIC ACID, ETHYLIDENEMETHYLHYDRAZIDE	Gyromitrin (Acetaldehyde methylformylhydrazone)	16568028	California Proposition 65 listed for cancer	
FRAGRANCE	Fragrance		EWG Verified doesn't allow products to use nonspecific ingredient names.	
FUEL GASES	Fuel gases, if they contain > 0.1% w/w Butadiene	68476266	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUEL GASES	Fuel gases	68476266	Classified as 'may cause cancer' (GHS H350).	
FUEL GASES	Fuel gases	68476266	Classified as 'may damage fertility or the unborn child' (GHS H360).	
FUEL GASES	Fuel gases	68476266	Classified as 'may cause genetic defects' (GHS H340).	
FUEL GASES, CRUDE OIL OF DISTILLATES	Fuel gases, crude oil distillates	68476299	Classified as 'may cause cancer' (GHS H350).	
FUEL GASES, CRUDE OIL OF DISTILLATES	Fuel gases, crude oil distillates	68476299	Classified as 'may damage fertility or the unborn child' (GHS H360).	
FUEL GASES, CRUDE OIL OF DISTILLATES	Fuel gases, crude oil distillates	68476299	Classified as 'may cause genetic defects' (GHS H340).	
FUEL GASES, CRUDE OIL OF DISTILLATES	Fuel gases, crude oil distillates, if they contain > 0.1 % w/w Butadiene	68476299	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUEL OIL NO. 6	Fuel oil, No 6	68553004	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUEL OIL NO. 6	Fuel oil, no. 6	68553004	Classified as 'may cause cancer' (GHS H350).	
FUEL OIL NO. 6	Fuel oil, no. 6	68553004	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
FUEL OIL NO. 6	Fuel oil, no. 6	68553004	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FUEL OIL, NO. 4	Fuel oil, no. 4	68476313	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
FUEL OIL, NO. 4	Fuel oil, no. 4	68476313	Classified as 'suspected of causing cancer' (GHS H351).	
FUEL OIL, NO.2	Fuel oil, no. 2	68476302	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUEL OIL, NO.2	Fuel oil, no. 2	68476302	Classified as 'suspected of causing cancer' (GHS H351).	
FUEL OIL, RESIDUAL	Fuel oil, residual	68476335	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUEL OIL, RESIDUAL	Fuel oil, residual	68476335	Classified as 'may cause cancer' (GHS H350).	
FUEL OIL, RESIDUAL	Fuel oil, residual	68476335	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
FUEL OIL, RESIDUAL	Fuel oil, residual	68476335	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FUELS, DIESEL	Fuels, diesel	68334305	Classified as 'suspected of causing cancer' (GHS H351).	
FUELS, DIESEL	Fuels, diesel, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	68334305	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUELS, DIESEL, COAL SOLVENT EXTN., HYDROCRACKED HYDROGENATED	Fuels, diesel, coal solvent extn., hydrocracked hydrogenated	94114597	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUELS, DIESEL, NO 2	Fuels, diesel, no. 2	68476346	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUELS, DIESEL, NO 2	Fuels, diesel, no. 2	68476346	Classified as 'suspected of causing cancer' (GHS H351).	
FUELS, JET AIRCRAFT, COAL SOLVENT EXTN., HYDROCRACKED HYDROGENATED	Fuels, jet aircraft, coal solvent extn., hydrocracked hydrogenated	94114586	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FUMARIC ACID, DIBUTYL ESTER	Dibutyl fumarate	105759	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
FURAN	furan	110009	California Proposition 65 listed for cancer	
FURAN	furan	110009	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
FURAN	furan	110009	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
FURAN	furan	110009	Classified as 'suspected of causing genetic defects' (GHS H341).	
FURAN	furan	110009	Classified as 'may cause cancer' (GHS H350).	
FURAN	furan	110009	Classified as 'fatal if inhaled' (GHS H330).	
FURAN	furan	110009	Classified as 'toxic if inhaled' (GHS H331).	
FURAN	furan	110009	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63 1995)	
FURAN	furan	110009	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
FURAN, 2-METHYL-	2METHYLFURAN	534225	Classified as 'fatal if inhaled' (GHS H330).	
FURAN, 2-METHYL-	2METHYLFURAN	534225	Classified as 'toxic if inhaled' (GHS H331).	
FURAN, 2-METHYL-TETRAHYDRO-	Tetrahydro2methylfuran	96479	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
FURAN, 2,5-DIHYDRO-	2,5dihydrofuran	1708298	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FURFURAL	2furaldehyde	98011	Classified as 'suspected of causing cancer' (GHS H351).	
FURFURAL	2furaldehyde	98011	Classified as 'fatal if inhaled' (GHS H330).	
FURFURAL	2furaldehyde	98011	Classified as 'toxic if inhaled' (GHS H331).	
FURFURYL ALCOHOL	furfuryl alcohol	98000	California Proposition 65 listed for cancer	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Prohibited by the International Fragrance Association for use in fragrance.	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Classified as 'suspected of causing cancer' (GHS H351).	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Classified as 'toxic in contact with skin' (GHS H311).	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Classified as 'fatal if inhaled' (GHS H330).	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Classified as 'toxic if inhaled' (GHS H331).	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Possibly carcinogenic to humans' IARC (Category 2B, Volume 119 In prep.)	
FURFURYL ALCOHOL	furfuryl alcohol	98000	Listed as an IARC Group 2B Carcinogen	
FURFURYL ALCOHOL	furfuryl alcohol	98000	California Prop65 Chemical (cancer)	
FURFURYLAMINE	Furfurylamine	617890	Classified as 'fatal in contact with skin' (GHS H310).	
FURFURYLAMINE	Furfurylamine	617890	Classified as 'toxic in contact with skin' (GHS H311).	
FURFURYLAMINE	Furfurylamine	617890	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
FUSEL OIL	Fusel oil	8013750	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
FYBEX	Dipotassium titanate(2)	59766313	Classified as 'suspected of causing cancer' (GHS H351).	
GADOLINIUM OXIDE	Digadolinium trioxide	12064629	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GADOLINIUM(III) NITRATE (1:3)	Gadolinium trinitrate	10168817	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GALANTHAMINE	Galantamine	357700	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GALANTHAMINE	Galantamine (INN)	357700	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GALAXOLIDE	1,3,4,6,7,8hexahydro4,6,6,7,8,8hexamethylindeno[5,6c]pyran	1222055	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GALAXOLIDE	Galaxolide	1222055	Synthetic musk fragrances contaminate the environment and are detected in humans.	
GALLIUM	Gallium	7440553	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GALLIUM ARSENIDE	Gallium arsenide	1303000	California Proposition 65 listed for cancer	
GALLIUM ARSENIDE	Gallium arsenide	1303000	Classified as 'may cause cancer' (GHS H350).	
GALLIUM ARSENIDE	Gallium arsenide	1303000	Classified as 'toxic if inhaled' (GHS H331).	
GALLIUM ARSENIDE	Gallium arsenide	1303000	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GALLIUM(3+) CHLORIDE	Gallium trichloride	13450903	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GAS OIL, BLEND	Distillates (petroleum), straightrun middle	64741442	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
GAS OILS (PETROLEUM), HEAVY VACUUM	Gas oils (petroleum), heavy vacuum	64741577	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GAS OILS (PETROLEUM), HEAVY VACUUM	Gas oils (petroleum), heavy vacuum	64741577	Classified as 'may cause cancer' (GHS H350).	
GAS OILS (PETROLEUM), HEAVY VACUUM	Gas oils (petroleum), heavy vacuum	64741577	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GAS OILS (PETROLEUM), HEAVY VACUUM	Gas oils (petroleum), heavy vacuum	64741577	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GAS OILS (PETROLEUM), HYDRODESULFURIZED HEAVY VACUUM	Gas oils (petroleum), hydrodesulfurized heavy vacuum	64742865	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GAS OILS (PETROLEUM), HYDRODESULFURIZED HEAVY VACUUM	Gas oils (petroleum), hydrodesulfurized heavy vacuum	64742865	Classified as 'may cause cancer' (GHS H350).	
GAS OILS (PETROLEUM), HYDRODESULFURIZED HEAVY VACUUM	Gas oils (petroleum), hydrodesulfurized heavy vacuum	64742865	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GAS OILS (PETROLEUM), HYDRODESULFURIZED HEAVY VACUUM	Gas oils (petroleum), hydrodesulfurized heavy vacuum	64742865	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GAS OILS (PETROLEUM), LIGHT VACUUM	Gas oils (petroleum), light vacuum	64741588	Classified as 'suspected of causing cancer' (GHS H351).	
GAS OILS (PETROLEUM), STRAIGHT RUN	Gas oils (petroleum), straightrun	64741431	Classified as 'may cause cancer' (GHS H350).	
GAS OILS (PETROLEUM), STRAIGHT RUN	Gas oils (petroleum), straightrun	64741431	Classified as 'fatal if inhaled' (GHS H330).	
GAS OILS, HYDROTREATED	Gas oils, hydrotreated, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	97862787	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GAS OILS, PARAFFINIC	Gas oils, paraffinic	93924335	Classified as 'may cause cancer' (GHS H350).	
GAS OILS, PARAFFINIC	Gas oils, paraffinic, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	93924335	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GASES (PETROLEUM, LIGHT STEAM-CRACKED, BUTADIENE CONC.	Gases (petroleum), light steam cracked, butadiene conc., if they contain > 0.1% w/w Butadiene	68955282	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GASES (PETROLEUM, LIGHT STEAM-CRACKED, BUTADIENE CONC.	Gases (petroleum), light steamcracked, butadiene conc.	68955282	Classified as 'may cause cancer' (GHS H350).	
GASES (PETROLEUM, LIGHT STEAM-CRACKED, BUTADIENE CONC.	Gases (petroleum), light steamcracked, butadiene conc.	68955282	Classified as 'may cause genetic defects' (GHS H340).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'may cause genetic defects' (GHS H340).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'may cause cancer' (GHS H350).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'may damage fertility or the unborn child' (GHS H360).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'toxic in contact with skin' (GHS H311).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GASOLINE, NATURAL	Distillates (shale oil), light fraction; Shale oils, light; Shale oils, light; Gasoline; Petrol; SHALE OIL LIGHT; SHALE OIL VKG B; SHALE OIL VKG C; Shale oil, filtration residues	8006619	Classified as 'toxic if inhaled' (GHS H331).	
GASOLINE, NATURAL	Gasoline	86290815	Classified as 'may cause cancer' (GHS H350).	
GASOLINE, NATURAL	Gasoline	86290815	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
GASOLINE, NATURAL	Gasoline	86290815	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
GASOLINE, NATURAL	Gasoline	86290815	Classified as 'may cause genetic defects' (GHS H340).	
GASOLINE, NATURAL	Gasoline	8006619	Possibly carcinogenic to humans' IARC (Category 2B, Volume 45 1989)	
GASOLINE, NATURAL	Gasoline, natural	8006619	Classified as 'may cause cancer' (GHS H350).	
GASOLINE, NATURAL	Gasoline, natural	8006619	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GASOLINE, NATURAL	Gasoline, natural	8006619	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
GASOLINE, NATURAL	Gasoline, natural	8006619	Classified as 'may cause genetic defects' (GHS H340).	
Georgywood	1[(1R,2S)1,2,8,8-tetramethyl1,2,3,4,5,6,7,8-octahydronaphthalen2yl]ethanone; 1[(2R,3S)2,3,8,8-tetramethyl1,2,3,4,5,6,7,8-octahydronaphthalen2yl]ethanone	185429838	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GERANYL ISOBUTYRATE	Geranyl isobutyrate; Reaction mass of 3,7-dimethyl-6-ene-1-yl 2-methylpropanoate and (2E)-3,7-dimethyl-2,6-dienyl 2-methylpropanoate and (2Z)-3,7-dimethyl-2,6-dienyl 2-methylpropanoate; Reaction mass of 3,7-dimethyl-6-ene-1-yl isobutyrate	2345268	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GERANYL NITRILE	3,7-dimethyl-2,6-dienenitrile	5146667	Classified as 'suspected of causing genetic defects' (GHS H341).	
GERANYL NITRILE	3,7-dimethyl-2,6-dienenitrile	5146667	Classified as 'fatal if inhaled' (GHS H330).	
GERANYL NITRILE	3,7-dimethyl-2,6-dienenitrile	5146667	Classified as 'may cause genetic defects' (GHS H340).	
GERANYL NITRILE	Geranyl nitrile	5146667; 5585397; 31983274	Prohibited by the International Fragrance Association for use in fragrance.	
GERANYL NITRILE	GERANYL NITRILE	5146667	Europe prohibits this ingredient in cosmetics	
GERMANIUM CHLORIDE	Germanium tetrachloride	10038989	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GERMANIUM CHLORIDE	Germanium tetrachloride	10038989	Classified as 'fatal if inhaled' (GHS H330).	
GERMANIUM DIOXIDE	Germanium dioxide	1310538	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GERMANIUM, METAL POWDER	Germanium	7440564	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GINKGO BILOBA (MAIDENHAIR TREE) LEAF EXTRACT	<-Ginkgo biloba</> extract	90045366	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
GINKGO BILOBA (MAIDENHAIR TREE) LEAF EXTRACT	Ginkgo biloba extract	90045366	Listed as an IARC Group 2B Carcinogen	
GLASS	GLASS	65997173	Europe prohibits this ingredient in cosmetics	
GLUCANASE, BETA-	Beta-glucanase	9074980	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
GLUCITOL, 1,4:3,6-DIANHYDRO-, DINITRATE, D-	Isosorbide dinitrate	87332	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUCITOL, 1,4:3,6-DIANHYDRO-, DINITRATE, D-	Isosorbide dinitrate (INN)	87332	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLUCOPYRANOSE, 2-DEOXY-2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-, D-	Chlorozotocin	54749905	California Proposition 65 listed for cancer	
GLUCOPYRANOSE, 2-DEOXY-2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-, D-	Chlorozotocin	54749905	Probably carcinogenic to humans' IARC (Category 2A, Volume 50 1990)	
GLUCOPYRANOSE, 2-DEOXY-2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-, D-	Chlorozotocin (see Nitrosourea Chemotherapeutic Agents)	54749905	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
GLUCOPYRANOSE, 2-DEOXY-2-(3-(2-CHLOROETHYL)-3-NITROSOUREIDO)-, D-	Chlorozotocin	54749905	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-	Streptozotocin (streptozotocin)	18883664	California Proposition 65 listed for developmental, female, male	
GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-	Streptozotocin	18883664	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-	Streptozotocin (see Nitrosourea Chemotherapeutic Agents)	18883664	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-	Streptozotocin (streptozocin)	18883664	California Proposition 65 listed for cancer	
GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-, D-	Streptozotocin	18883664	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
GLUCOSE OXIDASE	Oxidase, glucose	9001370	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
GLUCOSIDASE, _	glucosidase, _	9001223	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
GLUTAMIC ACID, N-(P-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)AMINO)BENZOYL)-, L-	Aminopterin	54626	California Proposition 65 listed for developmental, female	
GLUTAMIC ACID, N-(P-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, L-	Methotrexate	59052	California Proposition 65 listed for developmental	
GLUTAMIC ACID, N-(P-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, L-	Methotrexate	59052	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUTAMIC ACID, N-(P-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, L-	Methotrexate (INN)	59052	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLUTAMIC ACID, N-(P-(((2,4-DIAMINO-6-PTERIDINYL)METHYL)METHYLAMINO)BENZOYL)-, SODIUM SALT	Methotrexate sodium	15475566	California Proposition 65 listed for developmental	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
GLUTAMIC ACID, N-ACETYL-, COMPD. WITH 2-(DIMETHYLAMINO)ETHANOL (1:1), L-	Deanol aceglumate	3342618	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUTAMIC ACID, N-ACETYL-, COMPD. WITH 2-(DIMETHYLAMINO)ETHANOL (1:1), L-	Deanol aceglumate (INN)	3342618	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLUTARAL	Glutaral	111308	EWG F scoring ingredient under any condition of use.	
GLUTARAL	Glutaral	111308	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GLUTARAL	Glutaral	111308	Classified as 'fatal if inhaled' (GHS H330).	
GLUTARAL	Glutaral	111308	Classified as 'toxic if inhaled' (GHS H331).	
GLUTARAL	Glutaral	111308	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
GLUTARAL	Glutaraldehyde	111308	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
GLUTARAL	Glutaraldehyde	111308	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
GLUTARIC ANHYDRIDE	Glutaric anhydride	108554	Classified as 'toxic in contact with skin' (GHS H311).	
GLUTARIMIDE	Glutarimide and its salts	1121897	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUTARIMIDE, 2-(P-AMINOPHENYL)-2-ETHYL-	Aminoglutethimide	125848	California Proposition 65 listed for developmental	
GLUTARIMIDE, 2-ETHYL-2-PHENYL-	Glutethimide (INN) and its salts	77214	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLUTARIMIDE, 2-ETHYL-2-PHENYL-	Glutethimide and its salts	77214	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUTARIMIDE, 3-ETHYL-3-METHYL-	Bemegrade	64653	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLUTARIMIDE, 3-ETHYL-3-METHYL-	Bemegrade (INN) and its salts	64653	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLYCEROL FORMAL	1,3dioxan5ol; 1,3dioxolan4ylmethanol	5464288	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
GLYCEROL TRINITRATE	Nitroglycerin	55630	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GLYCEROL TRINITRATE	Nitroglycerin; Propane 1,2,3triyil trinitrate	55630	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GLYCIDALDEHYDE	Glycidaldehyde	765344	California Proposition 65 listed for cancer	
GLYCIDALDEHYDE	Glycidaldehyde	765344	EPA IRIS 'probable carcinogen'.	
GLYCIDALDEHYDE	Glycidaldehyde	765344	Possibly carcinogenic to humans' IARC (Category 2B, Volume 11, Sup 7, 71 1999)	
GLYCINE, HYDROCHLORIDE	Glycine hydrochloride	6000437	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GLYCINE, N-CARBAMOYL-N-NITROSO-	NCarboxymethylNnitrosoarea	60391926	California Proposition 65 listed for cancer	
GLYCINE, N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYMETHYL)-), TETRAPOTASSIUM SALT	Tetrapotassium EDTA	5964352	Non readily biodegradable chelating agent.	
GLYCOFUROL	Reaction products of tetrahydrofurfuryl alcohol with ethylene oxide; Poly(oxy1,2ethanediyl), [(tetrahydro2furanyl)methyl]_hydroxy; Poly(oxy1,2ethanediyl), a[(tetrahydro2furanyl)methyl]whydroxy	31692850	Classified as 'may damage fertility or the unborn child' (GHS H360).	
GLYCOL SULFATE	1,3,2__dioxathiolane2,2dione	1072533	Classified as 'suspected of causing cancer' (GHS H351).	
GLYCOL SULFATE	1,3,2__dioxathiolane2,2dione	1072533	Classified as 'suspected of causing genetic defects' (GHS H341).	
GLYCOL SULFATE	1,3,2__dioxathiolane2,2dione	1072533	Classified as 'toxic in contact with skin' (GHS H311).	
GLYCOL SULFATE	1,3,2__dioxathiolane2,2dione	1072533	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GLYCOL SULFATE	1,3,2__dioxathiolane2,2dione	1072533	Classified as 'fatal if inhaled' (GHS H330).	
GLYCOLIC ACID	Glycollic acid	79141	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GLYCOLIC ACID, 8-ESTER WITH OCTAHYDRO-5,8-DIHYDROXY-4,6,9,10-TETRAMETHYL-6-VINYL-3A,9-PROPANO-	Pleuromulin	125655	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GLYCOLS, POLYETHYLENE, MONO(P-OCTYLPHENYL) ETHER	Tributyltinaphthalate	26636328	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
GLYOXAL	Glyoxal	107222	EWG F scoring ingredient under any condition of use.	
GLYOXAL	Glyoxal	107222	This ingredient forms formaldehyde which causes allergic skin reactions.	
GLYOXAL	Glyoxal	107222	Classified as 'suspected of causing genetic defects' (GHS H341).	
GLYOXAL	Glyoxal	107222	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
GLYOXYLIC ACID	Glyoxylic acid	298124	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
GLYPHOSATE	Glyphosate	1071836	California Proposition 65 listed for cancer	
GLYPHOSATE	Glyphosate	1071836	Probably carcinogenic to humans' IARC (Category 2A, Volume 112 2017)	
GLYPHOSATE	Glyphosate	1071836	Listed as an IARC Group 2A Carcinogen	
GLYPHOSATE	Glyphosate	1071836	California Prop65 Chemical (cancer)	
GOLD ACETYLMETHIONATE	Gold salts	16903358; 105883474	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GOLD, (1-THIO-BETA-D-GLUCOPYRANOSATO-S)(TRIETHYLPHOSPHINE)-, 2,3,4,6-TETRAACETATE	Auranofin	34031328	California Proposition 65 listed for developmental	
GUAIFENESIN	Guaifenesin	93141	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GUAIFENESIN	Guaifenesin (INN)	93141	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GUANIDINE	GUANIDINE	113008	Classified as 'toxic in contact with skin' (GHS H311).	
GUANIDINE	GUANIDINE	113008	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
GUANIDINE	GUANIDINE	113008	Classified as 'toxic if inhaled' (GHS H331).	
GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-	Guanethidine (INN) and its salts	55652	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
GUANIDINE, (2-(HEXAHYDRO-1(2H)-AZOCINYL)ETHYL)-	Guanethidine and its salts	55652	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
GUANIDINE, 1-AMINO-, SULFATE (2:1)	Di(carbazamide) sulphate	996190	Classified as 'may damage fertility or the unborn child' (GHS H360).	
GUANIDINE, N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-	Cimetidine	51481619	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
GUANIDINE, N-CYANO-N'-METHYL-N''-(2-(((5-METHYL-1H-IMIDAZOL-4-YL)METHYL)THIO)ETHYL)-	Cimetidine	51481619	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
GUANIDINE, N-METHYL-N'-NITRO-N''-(TETRAHYDRO-3-FURANYL)METHYL)-	(E)1methyl3nitro2(oxolan3ylmethyl)guanidine	165252700	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
GUANINE, 9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-	2amino9(((1,3dihydroxypropan2yl)oxy)methyl)6,9dihydro1Hpurin6one	82410320	Classified as 'may cause genetic defects' (GHS H340).	
GUANINE, 9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-	2amino9(((1,3dihydroxypropan2yl)oxy)methyl)6,9dihydro1Hpurin6one	82410320	Classified as 'may damage fertility or the unborn child' (GHS H360).	
GUANINE, 9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-	2amino9(((1,3dihydroxypropan2yl)oxy)methyl)6,9dihydro1Hpurin6one	82410320	Classified as 'may cause harm to breastfed children' (GHS H362).	
GUANINE, 9-((2-HYDROXY-1-(HYDROXYMETHYL)ETHOXY)METHYL)-	Ganciclovir	82410320	California Proposition 65 listed for cancer, developmental, male	
HAFNIUM CHLORIDE	Hafnium tetrachloride	13499053	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HC BLUE #1	HC Blue 1	2784943	California Proposition 65 listed for cancer	
HC BLUE #1	HC Blue No. 1	2784943	Possibly carcinogenic to humans' IARC (Category 2B, Volume 57 1993)	
HC BLUE NO. 10	3 [[4(2Hydroxyethyl)methylamino]2nitrophenyl]amino]1,2propanediol and its salts, when used as a substance in hair dye products	173994757; 102767271	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BLUE NO. 4	HC Blue No. 4	158571574	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HC BLUE NO. 4	N Methyl1,4diaminoanthraquinone, reaction products with epichlorohydrin and monoethanolamine (HC Blue No 4) and its salts, when used as a substance in hair dye products	158571574	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BLUE NO. 5	Ethanol, 2,2' iminobis, reaction products with epichlorohydrin and 2nitro1,4benzenediamine (HC Blue No 5) and its salts, when used as a substance in hair dye products	68478648; 158571585	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BLUE NO. 5	HC Blue No. 5	68478648; 158571585	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HC BLUE NO. 8	1 [(3Aminopropyl)amino]4(methylamino)anthraquinone and its salts, when used as a substance in hair dye products	22366990	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BLUE NO. 9	3 [[4(2Hydroxyethyl)amino]2nitrophenyl]amino]1,2propanediol and its salts, when used as a substance in hair dye products	114087411; 114087422	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BROWN NO. 1	Benzenaminium, 3 [[4(4[[diamino(phenylazo)phenyl]azo]1naphthalenyl]azo)N,N,Ntrimethyl and its salts, when used as a substance in hair dye products	83803989	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC BROWN NO. 2	Benzenaminium, 3 [[[4(4[[diamino(phenylazo)phenyl]azo]2methylphenyl]azo)N,N,Ntrimethyl and its salts, when used as a substance in hair dye products	83803990	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC GREEN NO. 1	HC Green No 1	52136251	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HC ORANGE NO. 3	HC Orange No 3	81612546	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC Red No. 16	N (2Niro4aminophenyl)allylamine (HC Red No 16) and its salts	160219761	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC RED NO. 8	HC Red No 8 and its salts	13556291; 97404143	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC RED NO. 9	[6 [[3Chloro4(methylamino)phenyl]imino]4methyl3oxocyclohexa1,4dien1yl]urea (HC Red No 9) and its salts, when used as a substance in hair dye products	56330882	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW #3	N1 (Tris(hydroxymethyl)methyl)4nitro1,2phenylenediamine (HC Yellow No 3) and its salts, when used as a substance in hair dye products	56932457	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW 5	N1 (2Hydroxyethyl)4nitrophenylenediamine (HC Yellow No 5) and its salts, when used as a substance in hair dye products	56932446	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW NO. 11	HC Yellow No 11	73388542	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW NO. 12	2 [(4Chloro2nitrophenyl)amino]ethanol (HC Yellow No 12) and its salts, when used as a substance in hair dye products	59320137	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW NO. 13	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
HC YELLOW NO. 6	3 [(2nitro4(trifluoromethyl)phenyl)amino]propane1,2diol (HC Yellow No 6) and its salts, when used as a substance in hair dye products	104333008	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HC YELLOW NO. 8	N [6[[2Chloro4hydroxyphenyl]imino]4methoxy3oxo1,4cyclohexadien1yl]acetamide (HC Yellow No 8) and its salts, when used as a substance in hair dye products	66612111	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEAZLEWOODITE	Trinickel disulfide; nickel subsulfide [1]; heazlewoodite [2]	12035722; 12035711	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEMA ACETOACETATE	2[(2methyl1oxoallyl)oxy]ethyl acetoacetate	21282973	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEPTACHLOR	Heptachlor	76448	California Proposition 65 listed for developmental	
HEPTACHLOR	Heptachlor	76448	California Proposition 65 listed for cancer	
HEPTACHLOR	Heptachlor	76448	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEPTACHLOR	Heptachlor	76448	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
HEPTACHLOR	Heptachlor	76448	EPA IRIS 'probable carcinogen'.	
HEPTACHLOR	Heptachlor	76448	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 53, 79 2001)	
HEPTACHLOR EPOXIDE	Heptachlor epoxide	1024573	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEPTACHLOR EPOXIDE	Heptachlor epoxide	1024573	California Proposition 65 listed for cancer	
HEPTACHLOR EPOXIDE	Heptachlor epoxide	1024573	EPA IRIS 'probable carcinogen'.	
HEPTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	142825	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEPTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	142825	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEPTANE	2methylpentane; heptane	848301655	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEPTANE	2methylpentane; heptane	848301655	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEPTANE	2methylpentane; heptane	848301655	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEPTANE	HEPTANE	142825	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEPTANE	HEPTANE	142825	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEPTANE, 3-CHLOROMETHYL-	3(chloromethyl)heptane	123046	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEPTANOIC ACID	heptanoic acid	111148	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HEPTANOIC ACID, 2-(4-(3-(2-(TRIFLUOROMETHYL)PHENOTHIAZIN-10-YL)PROPYL)-1-PIPERAZINYL)ETHYL	Heptanoic acid, 2[4[3[2(trifluoromethyl)10Hphenothiazin10yl]propyl]1piperazinyl]ethyl ester	2746818	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
HEPTYLAMINE	Heptylamine	111682	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEPTYLAMINE, N-METHYL-N-NITROSO-	NnitrosomethylNheptylamine	16338991	California Proposition 65 listed for cancer	
HEPTYLAMINE, N-METHYL-N-NITROSO-	NnitrosomethylNheptylamine	16338991	California Prop65 Chemical (cancer)	
HEXACHLOROBENZENE	hexachlorobenzene	118741	California Proposition 65 listed for cancer	
HEXACHLOROBENZENE	hexachlorobenzene	118741	California Proposition 65 listed for developmental	
HEXACHLOROBENZENE	hexachlorobenzene	118741	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXACHLOROBENZENE	hexachlorobenzene	118741	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HEXACHLOROBENZENE	hexachlorobenzene	118741	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
HEXACHLOROBENZENE	hexachlorobenzene	118741	EPA IRIS 'probable carcinogen'.	
HEXACHLOROBENZENE	hexachlorobenzene	118741	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
HEXACHLOROBENZENE	Hexachlorobenzene (HCB)	118741	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
HEXACHLOROBENZENE	hexachlorobenzene	118741	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HEXACHLOROPHENE	2,2' Dihydroxy3,3',5',5',6,6'hexachlorodiphenylmethane (Hexachlorophene (INN))	70304	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXACHLOROPHENE	Hexachlorophene	70304	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HEXACHLOROPHENE	Hexachlorophene	70304	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
HEXACHLOROPHENE	Hexachlorophene	70304	FDA Banned ingredients in cosmetics.	
HEXACHLOROPHENE	Hexachlorophene	70304	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
HEXACHLOROPLATINIC ACID	hexachloroplatinic acid	16941121; 26023847	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXACHLOROPLATINIC ACID	hexachloroplatinic acid	16941121; 26023847	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEXACHLOROPLATINIC ACID	hexachloroplatinic acid	16941121; 26023847	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEXADECANE, 1,2-EPOXY-	Tetradecyloxirane	7320378	Classified as 'suspected of causing cancer' (GHS H351).	
HEXAFLUOROPROPENE	HEXAFLUOROPROPENE	116154	Classified as 'suspected of causing cancer' (GHS H351).	
HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE	2,2'-(hexahydro1,3,5triazine1,3,5triy)triethanol	47190404	Classified as 'fatal if inhaled' (GHS H330).	
HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE	HEXAHYDRO1,3,5TRIS (2HYDROXYETHYL)STRIAZINE	4719044	This ingredient forms formaldehyde which causes allergic skin reactions	
HEXAHYDRO-1,3,5-TRIS (2-HYDROXYETHYL)-S-TRIAZINE	HEXAHYDRO1,3,5TRIS (2HYDROXYETHYL)STRIAZINE	4719044	Classified as 'fatal if inhaled' (GHS H330).	
HEXAMETHYLENE DIISOCYANATE	Hexamethylene Diisocyanate	822060	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
HEXAMETHYLENE DIISOCYANATE	Hexamethylene Diisocyanate	822060	Classified as 'fatal if inhaled' (GHS H330).	
HEXAMETHYLENE DIISOCYANATE	Hexamethylene Diisocyanate	822060	Classified as 'toxic if inhaled' (GHS H331).	
HEXAMETHYLENE DIISOCYANATE	Hexamethylene Diisocyanate	822060	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEXAMETHYLENEDIAMINE	hexamethylenediamine	124094	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoramide	680319	California Proposition 65 listed for male	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoramide	680319	California Proposition 65 listed for cancer	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoramide	680319	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoramide	680319	Possibly carcinogenic to humans' IARC (Category 2B, Volume 15, Sup 7, 71 1999)	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoric triamide	680319	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXAMETHYLPHOSPHORIC TRIAMIDE	Hexamethylphosphoramide	680319	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HEXAMIDINE	Primidone	125337	California Proposition 65 listed for cancer	
HEXAMIDINE	Primidone	125337	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
HEXAMIDINE	Primidone	125337	Listed as an IARC Group 2B Carcinogen	
HEXAN-2-ONE	Hexan 2one (Methyl butyl ketone)	591786	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HEXAN-2-ONE	Methylnbutyl ketone	591786	California Proposition 65 listed for developmental	
HEXAN-2-ONE	Methylnbutyl ketone [Basis for listing changed effective November 9, 2015]	591786	California Proposition 65 listed for male	
HEXAN-2-ONE	Methylnbutyl ketone	591786	California Prop65 Chemical (developmental)	
HEXANAMIDE, 2,3-EPOXY-2-ETHYL-	Oxanamide (INN) and its derivatives	126932	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXANAMIDE, 2,3-EPOXY-2-ETHYL-	Oxanamide and its derivatives	126932	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HEXANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	110543	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	110543	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEXANE	Hexane	110543	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXANE	Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; n hexane; Not Applicable; Technical Hexane; Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; Hexane (S)	110543	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANE	Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; n hexane; Not Applicable; Technical Hexane; Hydrocarbons, C6, nalkanes, isoalkanes, cyclics, nhexane rich; Hexane (S)	110543	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEXANE	nhexane	110543	California Proposition 65 listed for male	
HEXANE	nhexane	110543	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEXANE	nhexane	110543	California Prop65 Chemical (male)	
HEXANE, 2-METHYL-	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	591764	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANE, 2-METHYL-	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	591764	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEXANE, 2-METHYL-	Isoheptane	31394544	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
HEXANE, 2-METHYL-	Isoheptane	31394544	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEXANEDIOIC ACID, COMPD. WITH PIPERAZINE (1:1)	Piperazine adipate	142881	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXANEDIOIC ACID, COMPD. WITH PIPERAZINE (1:1)	Piperazine adipate	142881	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEXANOIC ACID, 2-ETHYL-, COBALT(2+) SALT (2:1)	Cobalt bis(2ethylhexanoate)	136527	Classified as 'suspected of causing cancer' (GHS H351).	
HEXANOIC ACID, 2-ETHYL-, COBALT(2+) SALT (2:1)	Cobalt bis(2ethylhexanoate)	136527	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANOIC ACID, 2-ETHYL-, COBALT(2+) SALT (2:1)	Cobalt bis(2ethylhexanoate)	136527	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXANOIC ACID, 2-ETHYL-, COBALT(2+) SALT (2:1)	Cobalt bis(2ethylhexanoate)	136527	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEXANOIC ACID, 2-ETHYL-, COBALT(2+) SALT (2:1)	Cobalt bis(2ethylhexanoate)	136527	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEXANOIC ACID, 2-ETHYL-, SODIUM SALT	Sodium 2ethylhexanoate	19766893	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANOIC ACID, 2-ETHYL-, VINYL ESTER	Vinyl 2ethylhexanoate	94042	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HEXANOIC ACID, 2-ETHYL-, VINYL ESTER	Vinyl 2ethylhexanoate	94042	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEXANOIC ACID, 6-CHLORO-	6chlorohexanoic acid	4224628	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXANOYL CHLORIDE, 2-ETHYL-	2ethylhexanoyl chloride	760678	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXANOYL CHLORIDE, 2-ETHYL-	2ethylhexanoyl chloride	760678	Classified as 'fatal if inhaled' (GHS H330).	
HEXANOYL CHLORIDE, 3,5,5-TRIMETHYL-	3,5,5trimethylhexanoyl chloride	36727294	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXANOYL CHLORIDE, 3,5,5-TRIMETHYL-	3,5,5trimethylhexanoyl chloride	36727294	Classified as 'fatal if inhaled' (GHS H330).	
HEXASODIUM DI[N-(3-(4-(5-(5-AMINO-3-METHYL-1-PHENYLPYRAZOL-4-YL-AZO)-2,4-DISULFO-ANILINO)-6-CHLORO-1,3,5-TRIAZIN-2-YLAMINO)PHENYL)-SULFAMOYL](DI-SULFO)-PHTHALOCYANINATO)NICKEL	Nickel Compounds	151436996	Listed on the 14th Report on Carcinogens as a known carcinogen	
HEXASODIUM 6,13-DICHLORO-3,10-BIS((4-(2,5-DISULFONATOANILINO)-6-FLUORO-1,3,5-TRIAZIN-2-YLAMINO)PROP-3-YLAMINO)-5,12-DIOXA-7,14-DIAZAPENTACENE-4,11-DISULFONATE	hexasodium 6,13dichloro3,10bis((4(2,5disulfonatoanilino)6fluoro1,3,5triazin2ylamino)prop3ylamino)5,12dioxa7,14diazapentacene4,11disulfonate	85153920	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HEXENYLOXY-PROPANENITRILE	3(cis3hexenyloxy)propanenitril	142653610	Classified as 'toxic if inhaled' (GHS H331).	
HEXENYLOXY-PROPANENITRILE	3(cis3hexenyloxy)propanenitril	142653610	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HEXOXYETHANOL	2hexyloxyethanol	112254	Classified as 'toxic in contact with skin' (GHS H311).	
HEXOXYETHANOL	2hexyloxyethanol	112254	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXOXYETHANOL	ethylene glycol monohexyl ether	112254	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HEXYLAMINE	HEXYLAMINE	111262	Classified as 'toxic in contact with skin' (GHS H311).	
HEXYLAMINE	HEXYLAMINE	111262	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXYLAMINE, 1-METHYL-	Tuaminoheptane (INN), its isomers and salts	123820	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXYLAMINE, 1-METHYL-	Tuaminoheptane, its isomers and salts	123820	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HEXYLAMINE, 1,5-DIMETHYL-	Octodrine (INN) and its salts	543828	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXYLAMINE, 1,5-DIMETHYL-	Octodrine and its salts	543828	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HEXYLAMINE, 1,5-DIMETHYL-N-ISOPENTYL-	Octamylamine (INN) and its salts	502590	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXYLAMINE, 1,5-DIMETHYL-N-ISOPENTYL-	Octamylamine and its salts	502590	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HEXYLAMINE, 2-ETHYL-	2ethylhexylamine	104756	Classified as 'toxic in contact with skin' (GHS H311).	
HEXYLAMINE, 2-ETHYL-	2ethylhexylamine	104756	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HEXYLAMINE, 2-ETHYL-	2ethylhexylamine	104756	Classified as 'fatal if inhaled' (GHS H330).	
HEXYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylhexylamine	28538707	California Proposition 65 listed for cancer	
HEXYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylhexylamine	28538707	California Prop65 Chemical (cancer)	
HEXYLAMINE, N,1-DIMETHYL-	2 Methylheptylamine and its salts	540432	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HEXYLAMINE, N,1-DIMETHYL-	2Methylheptylamine and its salts	540432	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HOMONOPAL	6,6Dimethylbicyclo[3.1.1]hept2ene2propionaldehyde	33885517	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HORSERADISH PEROXIDASE	Peroxidase	9003990	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HYDANTOIN, 1-((5-NITROFURFURYLIDENE)AMINO)-	Nitrofurantoin	67209	California Proposition 65 listed for male	
HYDANTOIN, 1-((5-NITROFURFURYLIDENE)AMINO)-	Nitrofurantoin	67209	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDANTOIN, 1-((5-NITROFURFURYLIDENE)AMINO)-	Nitrofurantoin (INN)	67209	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDANTOIN, 1-BROMO-3-CHLORO-5,5-DIMETHYL-	HYDANTOIN, 1BROMO3CHLORO5,5DIMETHYL	16079882	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
HYDANTOIN, 1,3-DICHLORO-5,5-DIMETHYL-	1,3Dichloro5,5dimethylhydantoin	118525	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
HYDANTOIN, 1,3-DICHLORO-5,5-DIMETHYL-	1,3Dichloro5,5dimethylhydantoin	118525	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDANTOIN, 1,3-DICHLORO-5,5-DIMETHYL-	1,3Dichloro5,5dimethylhydantoin	118525	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HYDANTOIN, 3-BROMO-1-CHLORO-5,5-DIMETHYL-	HYDANTOIN, 3BROMO1CHLORO5,5DIMETHYL	126067	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
HYDANTOIN, 5,5-DIPHENYL-	Diphenylhydantoin (Phenytoin)	57410	California Proposition 65 listed for developmental	
HYDANTOIN, 5,5-DIPHENYL-	Diphenylhydantoin (Phenytoin)	57410	California Proposition 65 listed for cancer	
HYDANTOIN, 5,5-DIPHENYL-	Phenytoin	57410	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 66 1996)	
HYDANTOIN, 5,5-DIPHENYL-	Phenytoin (see Phenytoin and Phenytoin Sodium)	57410	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDANTOIN, 5,5-DIPHENYL-	Phenytoin	57410	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Diphenylhydantoin (Phenytoin), sodium salt	630933	California Proposition 65 listed for cancer	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Phenytoin Sodium	630933	Classified as 'suspected of causing cancer' (GHS H351).	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Phenytoin Sodium	630933	Classified as 'may damage fertility or the unborn child' (GHS H360).	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Phenytoin Sodium	630933	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Phenytoin Sodium (see Phenytoin and Phenytoin Sodium)	630933	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDANTOIN, 5,5-DIPHENYL-, MONOSODIUM SALT	Phenytoin Sodium	630933	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDRASTINE	Hydrastine and its salts	118081	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HYDRASTINE	Hydrastine, hydrastinine and their salts	118081; 6592854	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRATROPIC ALDEHYDE	Hydratropaldehyde	93538	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HYDRAZINE	hydrazine	302012	California Proposition 65 listed for cancer	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'may cause cancer' (GHS H350).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'fatal in contact with skin' (GHS H310).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'toxic in contact with skin' (GHS H311).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'fatal if inhaled' (GHS H330).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'toxic if inhaled' (GHS H331).	
HYDRAZINE	hydrazine	302012; 7803578	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDRAZINE	hydrazine	302012	Probably carcinogenic to humans' IARC (Category 2A, Volume 4, Sup 7, 71, 115 2018 )	
HYDRAZINE	Hydrazine (see Hydrazine and Hydrazine Sulfate)	302012	The U. S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDRAZINE	Hydrazine, its derivatives and their salts	302012	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDRAZINE	Hydrazine, its derivatives and their salts	302012	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE	Hydrazine/Hydrazine sulfate	302012	EPA IRIS 'probable carcinogen'.	
HYDRAZINE	salts of hydrazine	302012	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE	hydrazine	302012	Listed as an IARC Group 2A Carcinogen	
HYDRAZINE	hydrazine	302012	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDRAZINE, (1-METHYLHEPTYL)-	Octamoxin (INN) and its salts	4684871	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, (1-METHYLHEPTYL)-	Octamoxin and its salts	4684871	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDRAZINE, 1,2-DIETHYL-	1,2Diethylhydrazine	1615801	California Proposition 65 listed for cancer	
HYDRAZINE, 1,2-DIETHYL-	1,2Diethylhydrazine	1615801	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7, 71 1999)	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'may cause cancer' (GHS H350).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'fatal in contact with skin' (GHS H310).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'toxic in contact with skin' (GHS H311).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'fatal if inhaled' (GHS H330).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'toxic if inhaled' (GHS H331).	
HYDRAZINE, DIHYDROCHLORIDE	Hydrazine dihydrochloride	5341617	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDRAZINE, HYDRATE	Hydrazine hydrate	7803578	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, METHYL-	Methylhydrazine	60344	California Proposition 65 listed for 0	
HYDRAZINE, METHYL-, SULFATE	Methylhydrazine sulfate	302158	California Proposition 65 listed for 0	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'may cause cancer' (GHS H350).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'fatal in contact with skin' (GHS H310).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'toxic in contact with skin' (GHS H311).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'fatal if inhaled' (GHS H330).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'toxic if inhaled' (GHS H331).	
HYDRAZINE, MONOHYDRATE	hydrazine	302012; 7803578	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDRAZINE, MONOHYDRATE	Hydrazine hydrate	7803578	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, P-TOLYLSULFONYL-	Toluene4sulphonohydrazide	1576358	Classified as 'suspected of causing genetic defects' (GHS H341).	
HYDRAZINE, P-TOLYLSULFONYL-	Toluene4sulphonohydrazide	1576358	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDRAZINE, PHENYL-	Phenylhydrazine	100630	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HYDRAZINE, PHENYL-	Phenyldiazine	100630	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, PHENYL-	Phenyldiazine	100630	Classified as 'suspected of causing genetic defects' (GHS H341).	
HYDRAZINE, PHENYL-	Phenyldiazine	100630	Classified as 'may cause cancer' (GHS H350).	
HYDRAZINE, PHENYL-	Phenyldiazine	100630	Classified as 'toxic in contact with skin' (GHS H311).	
HYDRAZINE, PHENYL-	Phenyldiazine	100630	Classified as 'toxic if inhaled' (GHS H331).	
HYDRAZINE, PHENYL-, HYDROCHLORIDE	Phenyldiazine hydrochloride	59881	California Proposition 65 listed for cancer	
HYDRAZINE, PHENYL-, HYDROCHLORIDE	Phenyldiazine hydrochloride	27140085	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, SULFATE (1:1)	Hydrazine sulfate	10034932	California Proposition 65 listed for cancer	
HYDRAZINE, SULFATE (1:1)	Hydrazine Sulfate (see Hydrazine and Hydrazine Sulfate)	10034932	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDRAZINE, SULFATE (1:1)	Hydrazine, sulfate	1184663	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZINE, SULFATE (1:1)	Hydrazine sulfate	10034932	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDRAZINECARBOXYLIC ACID, N-METHYL-	4methylthiosemicarbazide	6610293	Classified as 'toxic in contact with skin' (GHS H311).	
HYDRAZINECARBOXYLIC ACID, 2-(4-METHOXY(1,1'-BIPHENYL)-3-YL)-, 1-METHYLETHYL ESTER	N{4methoxy[1,1'biphenyl]3yl}(propan2yloxy)carbohydrazide	149877418	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDRAZOBENZENE	1,2Diphenylhydrazine	122667	EPA IRIS 'probable carcinogen'.	
HYDRAZOBENZENE	Hydrazobenzene	122667	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDRAZOBENZENE	Hydrazobenzene (1,2Diphenylhydrazine)	122667	California Proposition 65 listed for cancer	
HYDRAZOBENZENE	Hydrazobenzene; 1,2 Diphenylhydrazine	122667	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDRAZOBENZENE	Hydrazobenzene	122667	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDRAZOBENZENE	HYDRAZOBENZENE	122667	Possibly carcinogenic to humans' IARC (Category 2B, Volume 130, 2022)	
HYDROABIETYL ALCOHOL	HYDROABIETYL ALCOHOL	13393936; 26266773	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDROABIETYL ALCOHOL	Hydroabietyl alcohol, dihydroabietyl alcohol	13393936; 26266773; 1333897	Prohibited by the International Fragrance Association for use in fragrance.	
HYDROABIETYL ALCOHOL	Hydroabietyl alcohol, when used as a fragrance ingredient	26266773; 13393936	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROABIETYL ALCOHOL	HYDROABIETYL ALCOHOL	26266773	Europe prohibits this ingredient in cosmetics	
HYDROBROMIC ACID	hydrogen bromide	10035106	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROBROMIC ACID	hydrogen bromide	10035106	Classified as 'toxic if inhaled' (GHS H331).	
HYDROCARBON OILS, AROM., MIXED WITH POLYETHYLENE AND POLYPROPYLENE, PYROLYZED, LIGHT OIL FRACTION	Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction, if it contains > 0.1% w/w benzene	100801636	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROCHLORIC ACID	1[2[(2chlorothiophen3yl)methoxy]2(2,4dichlorophenyl)ethyl]imidazole; hydrochloride; 1Himidazole, 1[2[(2chloro3thienyl)methoxy]2(2,4dichlorophenyl)ethyl], hydrochloride (1:1); 1Himidazole, 1[2[(2chloro3thienyl)methoxy]2(2,4di	61675647	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HYDROCHLORIC ACID	1[2[(2chlorothiophen3yl)methoxy]2(2,4dichlorophenyl)ethyl]imidazole; hydrochloride; 1Himidazole, 1[2[(2chloro3thienyl)methoxy]2(2,4dichlorophenyl)ethyl], hydrochloride (1:1); 1Himidazole, 1[2[(2chloro3thienyl)methoxy]2(2,4di	61675647	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROCHLORIC ACID	1[2,4dichlorobeta[(5bromo2chloro3thienyl)oxy]phenethyl]imidazole; hydrochloride; 1[2,4Dichloro_[(5bromo2chloro3thienyl)oxy]phenethyl]imidazole Hydrochloride	7647010	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HYDROCHLORIC ACID	1[2,4dichlorobeta[(5bromo2chloro3thienyl)oxy]phenethyl]imidazole; hydrochloride; 1[2,4Dichloro_[(5bromo2chloro3thienyl)oxy]phenethyl]imidazole Hydrochloride	7647010	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROCHLORIC ACID	hydrogen chloride	7647010	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROCHLORIC ACID	hydrogen chloride	7647010	Classified as 'toxic if inhaled' (GHS H331).	
HYDROCINNAMOYL CHLORIDE	3phenylpropionyl chloride	645454	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROCINNAMOYL CHLORIDE	3phenylpropionyl chloride	645454	Classified as 'toxic if inhaled' (GHS H331).	
HYDROFLUORIC ACID	HYDROFLUORIC ACID	7664393	EWG F scoring ingredient under any condition of use.	
HYDROFLUORIC ACID	Hydrofluoric acid, its normal salts, its complexes and hydrofluorides	7664393	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDROFLUORIC ACID	Hydrofluoric acid, its normal salts, its complexes and hydrofluorides with exception of those given in Annex III	7664393	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HYDROFLUORIC ACID	hydrogen fluoride	7664393	Classified as 'fatal in contact with skin' (GHS H310).	
HYDROFLUORIC ACID	hydrogen fluoride	7664393	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROFLUORIC ACID	hydrogen fluoride	7664393	Classified as 'fatal if inhaled' (GHS H330).	
HYDROFLUOROCARBON	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
HYDROFLUOROCARBON 134A	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
HYDROFLUOROCARBON 152A	Hydrofluorocarbon 152a	75376	Prohibited aerosol propellant	
HYDROFLUOROCARBON 227EA	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
HYDROGEN CYANIDE	Hydrogen cyanide and its salts	74908	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDROGEN CYANIDE	Hydrogen cyanide and its salts	74908	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROGEN CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	74908	California Prop65 Chemical (male)	
HYDROGEN IODIDE	hydrogen iodide	10034852	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROGEN IODIDE	hydrogen iodide	10034852	Classified as 'toxic if inhaled' (GHS H331).	
HYDROGEN SULPHIDE	hydrogen sulphide	77830604	Classified as 'fatal if inhaled' (GHS H330).	
HYDROGENATED TALLOW	TALLOW, HYDROGENATED	8030124	Animal based tallow and lard ingredients are prohibited.	
HYDROGENATED TALLOW ACID	Fatty acids, tallow, hydrogenated	61790383	Animal based tallow and lard ingredients are prohibited.	
HYDROGENATED TALLOWAMINE	Amines, hydrogenated tallow alkyl	61788452	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROGENATED TALLOWTRIMONIUM CHLORIDE	HYDROGENATED TALLOWTRIMONIUM CHLORIDE	61788781	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
HYDROGENATED TALLOWTRIMONIUM CHLORIDE	Quaternary ammonium compounds, (hydrogenated tallow alkyl)trimethyl, chlorides	61788781	Classified as 'toxic in contact with skin' (GHS H311).	
HYDROGENATED TALLOWTRIMONIUM CHLORIDE	Quaternary ammonium compounds, (hydrogenated tallow alkyl)trimethyl, chlorides	61788781	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROGENATED TALLOWTRIMONIUM CHLORIDE	Quaternary ammonium compounds, (hydrogenated tallow alkyl)trimethyl, chlorides	61788781	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROLYZED ALGAE EXTRACT	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
HYDROPEROXIDE, ALPHA,ALPHA-DIMETHYLBENZYL-	__dimethylbenzyl hydroperoxide	80159	Classified as 'suspected of causing genetic defects' (GHS H341).	
HYDROPEROXIDE, ALPHA,ALPHA-DIMETHYLBENZYL-	__dimethylbenzyl hydroperoxide	80159	Classified as 'toxic in contact with skin' (GHS H311).	
HYDROPEROXIDE, ALPHA,ALPHA-DIMETHYLBENZYL-	__dimethylbenzyl hydroperoxide	80159	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROPEROXIDE, ALPHA,ALPHA-DIMETHYLBENZYL-	__dimethylbenzyl hydroperoxide	80159	Classified as 'toxic if inhaled' (GHS H331).	
HYDROPEROXIDE, DIISOPROPYLPHENYL-	DIISOPROPYLBENZENE HYDROPEROXIDE	26762936	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROPEROXIDE, DIISOPROPYLPHENYL-	DIISOPROPYLBENZENE HYDROPEROXIDE	26762936	Classified as 'toxic if inhaled' (GHS H331).	
HYDROQUINONE	1,4 Dihydroxybenzene (Hydroquinone), with the exception of entry 14 in Annex III	123319	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROQUINONE	Hydroquinone	123319	Classified as 'suspected of causing genetic defects' (GHS H341).	
HYDROQUINONE	Hydroquinone	123319	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROQUINONE	Hydroquinone	123319	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROQUINONE, METHYL-	2methylhydroquinone	95716	Classified as 'suspected of causing genetic defects' (GHS H341).	
HYDROQUINONE, METHYL-	2methylhydroquinone	95716	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROXYANISOLE	4Benzoyloxyphenol	103162	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYDROXYANISOLE	Hydroquinone monomethyl ether (4methoxyPhenol)	150765	Prohibited by the International Fragrance Association for use in fragrance.	
HYDROXYANISOLE	mequinol	150765	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
HYDROXYCETYL HYDROXYETHYL DIMONIUM CHLORIDE	HYDROXYCETYL HYDROXYETHYL DIMONIUM CHLORIDE	84643538	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
HYDROXYCINNAMIC ACID	pCoumaric acid (PCA)	7400080	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
HYDROXYDICHLORODIPHENYL ETHER	5chloro2(4chlorophenoxy)phenol	3380301	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HYDROXYETHYL ACRYLATE	2hydroxyethyl acrylate	818611	Classified as 'fatal in contact with skin' (GHS H310).	
HYDROXYETHYL ACRYLATE	2hydroxyethyl acrylate	818611	Classified as 'toxic in contact with skin' (GHS H311).	
HYDROXYETHYL ACRYLATE	2hydroxyethyl acrylate	818611	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROXYETHYL BEHENAMIDOPROPYL DIMONIUM CHLORIDE	HYDROXYETHYL BEHENAMIDOPROPYL DIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
HYDROXYETHYL LAURDIMONIUM CHLORIDE	Quaternary ammonium compounds, C12-18alkyl(hydroxyethyl)dimethyl, chlorides	85736636	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROXYETHYL-2,6-DINITRO-P-ANISIDINE	Hydroxyethyl 2,6-dinitroanisidine and its salts, when used as a substance in hair dye products	122252113	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROXYETHYLAMINOMETHYL-p-AMINOPHENOL	Hydroxyethylaminomethyl paminophenol and its salts, when used as a substance in hair dye products	110952460; 135043639	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROXYETHYLAMINOMETHYL-P-AMINOPHENOL HCL	Hydroxyethylaminomethyl paminophenol and its salts, when used as a substance in hair dye products	110952460; 135043639	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROXYLAMINE	Hydroxylamine	7803498	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROXYLAMINE HCL	hydroxylammonium chloride	5470111	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROXYLAMINE HCL	hydroxylammonium chloride	5470111	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROXYLAMINE SULFATE	Bis(hydroxylammonium) sulphate	10039540	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROXYLAMINE-O-SULFONIC ACID	HydroxylamineO sulphonic acid	2950438	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	Cupferron	135206	California Proposition 65 listed for cancer	
HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	Cupferron	135206	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	Cupferron	135206	Listed as an IARC Group 2B Carcinogen	
HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	Cupferron	135206	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT	135206	Possibly carcinogenic to humans' IARC (Category 2B, Volume 127, 2021)	
HYDROXYLAMINE, N,N-DIETHYL-	N,Ndiethylhydroxylamine	3710847	Classified as 'toxic if inhaled' (GHS H331).	
HYDROXYLAMINE, O-METHYL-, HYDROCHLORIDE	Methoxyammonium chloride	593566	Classified as 'suspected of causing cancer' (GHS H351).	
HYDROXYLAMINE, O-METHYL-, HYDROCHLORIDE	Methoxyammonium chloride	593566	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROXYLAMINE, O-METHYL-, HYDROCHLORIDE	Methoxyammonium chloride	593566	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
HYDROXYMETHYL DIOXOLANONE	4Hydroxymethyl1,3dioxolan2one	931408	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
HYDROXYMETHYLPENTYLCYCLOHEXENE CARBALDEHYDE	3 and 4 (4Hydroxy4methylpentyl)cyclohex3ene1carbaldehyde	31906044; 51414256	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYDROXYMETHYLPENTYLCYCLOHEXENE CARBALDEHYDE	HYDROXYISOHEXYL 3CYCLOHEXENE CARBOXALDEHYDE	51414256	Extreme sensitizing ingredient prohibited in cosmetics in Europe.	
HYDROXYPHOSPHONOACETIC ACID	hydroxyphosphonoacetic acid	23783268	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
HYDROXYPROPYL BISSTEARYLDIMONIUM CHLORIDE	HYDROXYPROPYL BISSTEARYLDIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
HYDROXYPROPYL METHACRYLATE	Methacrylic acid, monoester with propane1,2diol	27813021	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
HYDROXYPYRIDINONE	Hydroxypyridinone and its salts, when used as a substance in hair dye products	822899	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Hydrozincite	Hydrozincite	12122177	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
HYOSCINE	Hyoscine, its salts and derivatives	51343	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYOSCINE	Hyoscine, its salts and derivatives	51343	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
HYOSCYAMINE	Hyoscyamine its salts and derivatives	101315	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
HYOSCYAMINE	Hyoscyamine, its salts and derivatives	101315	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
HYPOCHLOROUS ACID	HYPOCHLOROUS ACID	7790923	EWG Verified does not allow active chlorine substances due to concerns for respiratory toxicity.	
HYPOPHOSPHOROUS ACID	Phosphinic acid	6303215	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IBUPROFEN	Ibuprofen	15687271	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
IBUPROFEN	Ibuprofen	15687271	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IMAZALIL	Imazalil	35554440	California Proposition 65 listed for cancer	
Imazamox	(RS)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methoxymethylnicotinic acid	114311-32-9	This ingredient is banned the European Union	X
IMFERON	Iron dextran complex	9004664	California Proposition 65 listed for cancer	
IMFERON	Iron dextran complex	9004664	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
IMFERON	Iron dextran complex	9004664	Possibly carcinogenic to humans' IARC (Category 2B, Volume 2, Sup 7 1987)	
IMFERON	Iron dextran complex	9004664	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
IMIDAZO(1,2-A)PYRIDINE-3-ACETAMIDE, 2-(4-METHYLPHENYL)-N,N,6-TRIMETHYL-	N,NDimethyl[2(6methyl(2(4methylphenyl)imidazo[1,2a]pyridin3yl)]acetamide; ZOL base; ZOLPIDEM; Imidazo[1,2a]pyridine3acetamide, N,N,6trimethyl[2(4methylphenyl)]; Imidazo[1,2a]pyridine3acetamide, N,N,6trimethyl[2(4methylphenyl)]; lmi	82626480	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
IMIDAZO(4,5-B)PYRIDINE, 2-AMINO-1-METHYL-6-PHENYL-	2Amino1methyl6phenylimidazo[4,5b]pyridine (PhIP) (see Heterocyclic Amines [Selected])	105650235	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
IMIDAZO(4,5-B)PYRIDINE, 2-AMINO-1-METHYL-6-PHENYL-	PhIP (2Amino1methyl6phenylimidazo[4,5b]pyridine)	105650235	Possibly carcinogenic to humans' IARC (Category 2B, Volume 56 1993)	
IMIDAZO(4,5-B)PYRIDINE, 2-AMINO-1-METHYL-6-PHENYL-	PhIP(2Amino1methyl6phenylimidazo[4,5b]pyridine)	105650235	California Proposition 65 listed for cancer	
IMIDAZO(4,5-B)PYRIDINE, 2-AMINO-1-METHYL-6-PHENYL-	2Amino1methyl6phenylimidazo[4,5b]pyridine (PhIP)	105650235	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
IMIDAZO(4,5-D)(1,3)DIAZEPIN-8-OL, 3-(2-DEOXY-BETA-D-PENTOFURANOSYL)-3,6,7,8-TETRAHYDRO-, (R)-	Pentostatin	53910251	California Proposition 65 listed for developmental	
IMIDAZOLE	Imidazole	288324	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
IMIDAZOLE	Imidazole	288324	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IMIDAZOLE	Imidazole	288324	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	California Proposition 65 listed for cancer	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	Classified as 'suspected of causing genetic defects' (GHS H341).	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	Classified as 'may cause cancer' (GHS H350).	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	Classified as 'suspected of causing cancer' (GHS H351).	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	Possibly carcinogenic to humans' IARC (Category 2B, Volume 13, Sup 7 1987)	
IMIDAZOLE-1-ETHANOL, 2-METHYL-5-NITRO-	Metronidazole	443481	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
IMIDAZOLE-1-ETHANOL, ALPHA-(2,4-DICHLOROPHENYL)-	_(2,4dichlorophenyl)1Himidazole1ethanol	24155428	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IMIDAZOLE-2-THIOL, 1-METHYL-	Methimazole	60560	California Proposition 65 listed for developmental	
IMIDAZOLE-2-THIOL, 1-METHYL-	Thiamazole	60560	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
IMIDAZOLE-2-THIOL, 1-METHYL-	Thiamazole (INN)	60560	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-	Dacarbazine	4342034	California Proposition 65 listed for developmental	
IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-	Dacarbazine	4342034	California Proposition 65 listed for cancer	
IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-	Dacarbazine	4342034	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-	Dacarbazine	4342034	Possibly carcinogenic to humans' IARC (Category 2B, Volume 26, Sup 7 1987)	
IMIDAZOLE-4-CARBOXAMIDE, 5-(3,3-DIMETHYL-1-TRIAZENO)-	Dacarbazine	43420304	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
IMIDAZOLE, 1-DODECYL-	1dodecyl1Himidazole	4303677	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	California Proposition 65 listed for cancer	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	Classified as 'suspected of causing cancer' (GHS H351).	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	Classified as 'may damage fertility or the unborn child' (GHS H360).	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
IMIDAZOLE, 2-METHYL-	2Methylimidazole	693981	Listed as an IARC Group 2B Carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
IMIDAZOLE, 2,4,5-TRIBROMO-, CADMIUM SALT (2:1)	Cadmium Compounds	73941352	Listed on the 14th Report on Carcinogens as a known carcinogen	
IMIDAZOLIDINYL UREA	Imidazolidinyl urea	39236469	This ingredient forms formaldehyde which causes allergic skin reactions.	
IMMUNOGLOBULIN G1, ANTI-(HUMAN V (RECEPTOR)) (HUMAN-MOUSE MONOCLONAL 2C4 HEAVY CHAIN),	Pertuzumab	380610275	California Proposition 65 listed for developmental	
IMMUNOGLOBULIN G1, ANTI-(HUMAN V (RECEPTOR)) (HUMAN-MOUSE MONOCLONAL 2C4 HEAVY CHAIN),	Pertuzumab	380610275	California Prop65 Chemical (developmental)	
IMMUNOGLOBULIN G1, ANTI-(HUMAN VASCULAR ENDOTHELIAL GROWTH FACTOR) (HUMAN-MOUSE MONOCLONAL	Bevacizumab	216974753	California Prop65 Chemical (developmental, female)	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'may cause genetic defects' (GHS H340).	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'may cause cancer' (GHS H350).	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'may damage fertility or the unborn child' (GHS H360).	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'toxic in contact with skin' (GHS H311).	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
INDENE	1,2dihydroacenaphthylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2methyl-naphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthenes; naphthalene; phenanthrene	95136	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
INDENE	1,2xylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95136	Classified as 'may cause genetic defects' (GHS H340).	
INDENE	1,2xylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95136	Classified as 'may cause cancer' (GHS H350).	
INDENE	1,2xylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95136	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
INDENE	1,2xylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95136	Classified as 'toxic in contact with skin' (GHS H311).	
INDENE	1,2xylene; 1methyl-naphthalene; 1Hindene; 2,3dihydro-1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
INDENO[1,2,3-CD]PYRENE	Indeno[1,2,3-cd]pyrene	193395	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 92 2010)	
INDENO[1,2,3-CD]PYRENE	Indeno[1,2,3cd]pyrene	193395	California Proposition 65 listed for cancer	
INDENO[1,2,3-CD]PYRENE	Indeno[1,2,3cd]pyrene	193395	EPA IRIS 'probable carcinogen'.	
INDENO[1,2,3-CD]PYRENE	Indeno[1,2,3cd]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	193395	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
INDENO[1,2,3-CD]PYRENE	Indeno[1,2,3cd]pyrene	193395	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
INDIUM CHLORIDE	Indium trichloride	10025828	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
INDIUM PHOSPHIDE	Indium phosphide	22398807	California Proposition 65 listed for cancer	
INDIUM PHOSPHIDE	Indium phosphide	22398807	Probably carcinogenic to humans' IARC (Category 2A, Volume 86 2006)	
INDOL-4-OL, 3-(2-(DIMETHYLAMINO)ETHYL)-, DIHYDROGEN PHOSPHATE	Psilocybine	520525	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
INDOL-4-OL, 3-(2-(DIMETHYLAMINO)ETHYL)-, DIHYDROGEN PHOSPHATE	Psilocybine (INN)	520525	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
INDOLE	INDOLE	120729	Classified as 'toxic in contact with skin' (GHS H311).	
INDOLE, 3-(2-AMINOETHYL)-5-METHOXY-	2(5methoxyindol3yl)ethylamine	608071	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IODINE	iodine	7553562	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
IODINE	iodine	7553562	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
IODINE	iodine	7553562	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IODINE	iodine	7553562	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IODINE	iodine	7553562	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IODINE	iodine	7553562	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IODINE CHLORIDE	IODINE MONOCHLORIDE	7790990	Classified as 'toxic in contact with skin' (GHS H311).	
IODINE CHLORIDE	IODINE MONOCHLORIDE	7790990	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
IODINE CHLORIDE	IODINE MONOCHLORIDE	7790990	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
IODINE CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	506785	California Prop65 Chemical (male)	
IODINE FLUORIDE	Iodine pentafluoride	7783666	Classified as 'fatal in contact with skin' (GHS H310).	
IODINE FLUORIDE	Iodine pentafluoride	7783666	Classified as 'toxic in contact with skin' (GHS H311).	
IODINE FLUORIDE	Iodine pentafluoride	7783666	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IODINE FLUORIDE	Iodine pentafluoride	7783666	Classified as 'fatal if inhaled' (GHS H330).	
IODINE FLUORIDE	Iodine pentafluoride	7783666	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IODOPROPYNYL BUTYL CARBAMATE	3IODO2PROPYNYL BUTYL CARBAMATE	55406536	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
IODOPROPYNYL BUTYL CARBAMATE	3IODO2PROPYNYL BUTYL CARBAMATE	55406536	Classified as 'toxic if inhaled' (GHS H331).	
IODOPROPYNYL BUTYL CARBAMATE	3IODO2PROPYNYL BUTYL CARBAMATE	55406536	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
IOXNYL AND ITS SALTS	4 hydroxy3,5-diiodobenzonitrile [1]; 4Cyano2,6-diiodophenyl octanoate [2]	1689834; 3861470	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IOXNYL AND ITS SALTS	loxynil	1689834	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
IOXNYL OCTANOATE	4 hydroxy3,5-diiodobenzonitrile [1]; 4Cyano2,6-diiodophenyl octanoate [2]	1689834; 3861470	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IPECAC SYRUP	Ipecacuanha (Cephaelis ipecacuanha Brot. and related species) (roots, powder and galenical preparations)	8012962	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IPRODIONE	Iprodione	36734197	California Proposition 65 listed for cancer	
IPRODIONE	Iprodione	36734197	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
IRIDATE(2-), HEXACHLORO-, DIHYDROGEN, (OC-6-11)-	Hexachloroiridic acid	16941927	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IRON ALLOY, BASE, FE,NI	Nickel Compounds	11133769	Listed on the 14th Report on Carcinogens as a known carcinogen	
IRON CARBONYL	Pentacarbonyliron	13463406	Classified as 'fatal in contact with skin' (GHS H310).	
IRON CARBONYL	Pentacarbonyliron	13463406	Classified as 'toxic in contact with skin' (GHS H311).	
IRON CARBONYL	Pentacarbonyliron	13463406	Classified as 'fatal if inhaled' (GHS H330).	
IRON NICKEL ZINC OXIDE	Nickel Compounds	12645500	Listed on the 14th Report on Carcinogens as a known carcinogen	
IRON(3+) CHLORIDE, HEXAHYDRATE	Iron trichloride	7705080; 10025771	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
IRON(III) NITRATE, NONAHYDRATE (1:3:9)	Iron trinitrate	7782618; 10421484	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISO(C10-C14)ALKYL (3,5-DI-TERT-BUTYL-4-HYDROXYPHENYL)METHYLTHIOACETATE	iso(C10C14)alkyl (3,5-ditertbutyl4hydroxyphenyl)methylthioacetate	118832727	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOAMYL ALCOHOL	Isoamyl alcohol	123513	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
ISOBORNYL ACRYLATE	Exo1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	5888335	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOBUTANE	2methylpropane; butane; propane	75285	Classified as 'may damage fertility or the unborn child' (GHS H360).	
ISOBUTANE	Isobutane	75285	Prohibited aerosol propellant	
ISOBUTANE	Isobutane, if it contains >=0,1% w/w Butadiene	75285	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOBUTENYL METHYL TETRAHYDROPIRAN	Tetrahydro4methyl2(2methylprop1enyl)pyran	16409431	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ISOBUTYL ACRYLATE	isobutyl acrylate	106638	Classified as 'toxic in contact with skin' (GHS H311).	
isobutyl methyl ketone	4-methylpentan-2-one	-654239	This ingredient is banned the European Union	X
ISOBUTYL NITRITE	isobutyl nitrite	542563	California Proposition 65 listed for cancer	
ISOBUTYL NITRITE	isobutyl nitrite	542563	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOBUTYL NITRITE	isobutyl nitrite	542563	Possibly carcinogenic to humans' IARC (Category 2B, Volume 122 in prep.)	
ISOBUTYL NITRITE	isobutyl nitrite	542563	Listed as an IARC Group 2B Carcinogen	
ISOBUTYLISOPROPYLDIMETHOXYSILANE	isobutylisopropylidimethoxysilane	111439760	Classified as 'toxic if inhaled' (GHS H331).	
ISOBUTYL PARABEN	Isobutyl 4 hydroxybenzoate (INCI: Isobutylparaben) /Sodium salt or Salts of Isobutylparaben	4247023; 2242088	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOBUTYRIC ACID	isobutyric acid	79312	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ISOBUTYRIC ACID	isobutyric acid	79312	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOBUTYRYL CHLORIDE	isobutyryl chloride	79301	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOBUTYRYL CHLORIDE	isobutyryl chloride	79301	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, (M-TRIFLUOROMETHYLPHENYL) ESTER	م-تريفلورو3توليل ايسوسيانات	329011	Classified as 'toxic in contact with skin' (GHS H311).	
ISOCYANIC ACID, (M-TRIFLUOROMETHYLPHENYL) ESTER	م-تريفلورو3توليل ايسوسيانات	329011	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, (M-TRIFLUOROMETHYLPHENYL) ESTER	م-تريفلورو3توليل ايسوسيانات	329011	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	3,4dichlorophenyl isocyanate	102363	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	3,4dichlorophenyl isocyanate	102363	Classified as 'toxic if inhaled' (GHS H331).	
ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	3,4dichlorophenyl isocyanate	102363	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, 3,4-DICHLOROPHENYL ESTER	3,4dichlorophenyl isocyanate	102363	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOCYANIC ACID, BUTYL ESTER	Butyl isocyanate	111364	Classified as 'toxic in contact with skin' (GHS H311).	
ISOCYANIC ACID, BUTYL ESTER	Butyl isocyanate	111364	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOCYANIC ACID, BUTYL ESTER	Butyl isocyanate	111364	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, BUTYL ESTER	Butyl isocyanate	111364	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, CYCLOHEXYL ESTER	Cyclohexyl isocyanate	3173533	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOCYANIC ACID, CYCLOHEXYL ESTER	Cyclohexyl isocyanate	3173533	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, CYCLOHEXYL ESTER	Cyclohexyl isocyanate	3173533	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, M-CHLOROPHENYL ESTER	3chlorophenyl isocyanate	2909388	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOCYANIC ACID, M-CHLOROPHENYL ESTER	3chlorophenyl isocyanate	2909388	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, M-CHLOROPHENYL ESTER	3chlorophenyl isocyanate	2909388	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, M-CHLOROPHENYL ESTER	3chlorophenyl isocyanate	2909388	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOCYANIC ACID, M-PHENYLENEDIIMETHYLENE ESTER	1,3bis(isocyanatomethyl)benzene	3634831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOCYANIC ACID, M-PHENYLENEDIIMETHYLENE ESTER	1,3bis(isocyanatomethyl)benzene	3634831	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, M-PHENYLENEDIIMETHYLENE ESTER	1,3bis(isocyanatomethyl)benzene	3634831	Classified as 'toxic if inhaled' (GHS H331).	
ISOCYANIC ACID, M-PHENYLENEDIIMETHYLENE ESTER	1,3bis(isocyanatomethyl)benzene	3634831	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	m Tolyldiene diisocyanate (Toluene diisocyanate)	26471625	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	mTolyldiene diisocyanate	26471625	Classified as 'suspected of causing cancer' (GHS H351).	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	mTolyldiene diisocyanate	26471625	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	mTolyldiene diisocyanate	26471625	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	Toluene Diisocyanate	26471625	California Proposition 65 listed for cancer	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	Toluene diisocyanates	584849; 91087; 26471625	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	Toluene diisocyanates	26471625	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	Toluene diisocyanates	26471625	Possibly carcinogenic to humans' IARC (Category 2B, Volume 39, Sup 7, 71 1999)	
ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER	Toluene diisocyanates	26471625	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ISOCYANIC ACID, OCTADECYL ESTER	1isocyanatooctadecane; heptadecanamine oxide	112969	Classified as 'toxic if inhaled' (GHS H331).	
ISOCYANIC ACID, OCTADECYL ESTER	1isocyanatooctadecane; heptadecanamine oxide	112969	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, OCTADECYL ESTER	Octadecyl isocyanate	112969	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, OCTADECYL ESTER	Octadecyl isocyanate	112969	Classified as 'toxic if inhaled' (GHS H331).	
ISOCYANIC ACID, OCTADECYL ESTER	Octadecyl isocyanate	112969	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, P-CHLOROPHENYL ESTER	4chlorophenyl isocyanate	104121	Classified as 'fatal if inhaled' (GHS H330).	
ISOCYANIC ACID, P-CHLOROPHENYL ESTER	4chlorophenyl isocyanate	104121	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOCYANIC ACID, P-CHLOROPHENYL ESTER	4chlorophenyl isocyanate	104121	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOCYANIC ACID, TRIESTER WITH 1,3,5-TRIS(6-HYDROXYHEXYL)BIURET	Prepolymer of Hexamethylene diisocyanate	4035896	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ISOCYANIC ACID, TRIESTER WITH 1,3,5-TRIS(6-HYDROXYHEXYL)BIURET	Prepolymer of Hexamethylene diisocyanate	4035896	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ISODECYL NEOPENTANOATE	Isodecyl pivalate	60209827	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISODODECANE	2,2,4,6,6pentamethylheptane	13475826	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISODODECANE	2,2,4,6,6pentamethylheptane	13475826	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
isoeugenol	isoeugenol	97-54-1	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
ISOHEXANOIC ACID (MIXED ISOMERS)	4methylvaleric acid	646071	Classified as 'toxic in contact with skin' (GHS H311).	
ISOHEXANOIC ACID (MIXED ISOMERS)	4methylvaleric acid	646071	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOHEXENYL CYCLOPENTENYL CARBALDEHYDE	Myrac Aldehyde; Reaction mass of 3(4methyl3pentenyl)cyclohex3ene1 carbaldehyde and 4(4methyl3pentenyl)cyclohex3ene1 carbaldehyde; Reaction mass of 3(4methylpent3enyl) cyclohex3ene1 carbaldehyde and 4(4methylpent3enyl) cyclohex	37677148	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOLONGIFOLENE KETONE EXO	(2_4a_8_)hexahydro1,1,5,5tetramethyl2H2,4amethanonaphthalen8(5H)one	29461141	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ISONICOTINAMIDE, 2-ETHYLTHIO-	Ethionamide	536334	California Proposition 65 listed for developmental	
ISONICOTINAMIDE, 2-ETHYLTHIO-	Ethionamide	536334	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISONICOTINAMIDE, 2-ETHYLTHIO-	Ethionamide (INN)	536334	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISONICOTINIC ACID HYDRAZIDE	Hydrazides and their salts	54853; 1071938; 123331	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISONICOTINIC ACID HYDRAZIDE	Hydrazides and their salts e.g. Isoniazid (INN)	54853	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISONICOTINIC ACID HYDRAZIDE	Isonicotinic Acid Hydrazide	54853	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
ISONICOTINIC ACID HYDRAZIDE	Isonicotinic Acid Hydrazide	54853	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ISONIPECOTIC ACID, 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE	Diphenoxylate (INN) hydrochloride	3810808	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISONIPECOTIC ACID, 1-(3-CYANO-3,3-DIPHENYLPROPYL)-4-PHENYL-, ETHYL ESTER, HYDROCHLORIDE	Diphenoxylate hydrochloride	3810808	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISOOCTANE	2,2,4Trimethylpentane	540841	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOOCTANE	2,2,4Trimethylpentane	540841	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOOCTANE	2,2,4trimethylpentane; cyclooctane; octane	26635643	Classified as 'may cause genetic defects' (GHS H340).	
ISOOCTANE	2,2,4trimethylpentane; cyclooctane; octane	26635643	Classified as 'may cause cancer' (GHS H350).	
ISOOCTANE	2,2,4trimethylpentane; cyclooctane; octane	26635643	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ISOOCTANE	2,2,4trimethylpentane; cyclooctane; octane	26635643	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOOCTANE	Isooctane	26635643	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOOCTANE	Isooctane	26635643	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOOCTYL ACRYLATE	isooctyl acrylate	29590429	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOOCTYL THIOGLYCOLATE	Isooctyl mercaptoacetate	25103097	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOPENTANAL	3methylbut3en1ol; 3methylbutanal; 4,4dimethyl2(2methylpropyl)1,3dioxane; 4methyl2(2methylpropyl)3,6dihydro2Hpyran; 4methyl2(2methylpropyl)oxan4ol; 4methylidene2(2methylpropyl)oxane; 5methyl3(2methylpropyl)3,6dihydro	590863	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ISOPENTANE	2methylbutane	78784	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOPENTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	78784	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ISOPENTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	78784	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOPENTYL ALCOHOL, NITRITE	Amyl nitrites	110463	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOPHTHALIC ACID	2methylpentane1,5diamine; benzene1,3dicarboxylic acid	145153522	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOPHTHALOYL CHLORIDE	Isophthaloyl dichloride	99638	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOPHTHALOYL CHLORIDE	Isophthaloyl dichloride	99638	Classified as 'toxic if inhaled' (GHS H331).	
ISOPHYTOL	3,7,11,15tetramethylhexadec1en3ol	505328	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ISOPRENE (STABILIZED)	Isoprene	78795	California Proposition 65 listed for cancer	
ISOPRENE (STABILIZED)	Isoprene	78795	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
ISOPRENE (STABILIZED)	Isoprene	78795	Classified as 'suspected of causing genetic defects' (GHS H341).	
ISOPRENE (STABILIZED)	Isoprene	78795	Classified as 'may cause cancer' (GHS H350).	
ISOPRENE (STABILIZED)	Isoprene	78795	Possibly carcinogenic to humans' IARC (Category 2B, Volume 60, 71 1999)	
ISOPRENE (STABILIZED)	Isoprene (stabilized); (2 Methyl1,3butadiene)	78795	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOPRENE (STABILIZED)	Isoprene monomer	78795	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISOPRENE (STABILIZED)	Isoprene	78795	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
ISOPROPANOLAMINE	1aminopropan2ol	78966	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOPROPYL ACETATE	Isopropyl acetate	108214	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOPROPYL ALCOHOL, TITANIUM(4+) SALT	Titanium tetraisopropanolate	546689	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
ISOPROPYL TITANIUM TRISOSTEARATE/PERFLUOROCTYL TRIETHOXSILANE CROSSPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
ISOPROPYLPARABEN	Isopropyl 4 hydroxybenzoate (INCI: Isopropylparaben) Sodium salt or Sats of Isopropylparaben	4191735	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOPROTURON	3 (4isopropylphenyl)1,1dimethylurea (Isoproturon ISO)	34123596	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
isopyrazam	Reaction mass of 3-(difluoromethyl)-1-methyl-N-[(1R,4SR,9RS)-1,2,3,4-tetrahydro-9-isopropyl-1,4-methanonaphthalen-5-yl]pyrazole-4-carboxamide and 3-(difluoromethyl)-1-methyl-N-[(1R,4SR,9SR)-1,2,3,4-tetrahydro-9-isopropyl-1,4-methanonaphthalen-5-yl]pyrazole-4-carboxamide [ $\geq 78$ % syn isomers $\leq 15$ % anti isomers relative content];	881685-58-1	This ingredient is banned the European Union	X
ISOQUINOLINE	ISOQUINOLINE	119653	Classified as 'toxic in contact with skin' (GHS H311).	
ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-	1,2,3,4tetrahydroisoquinoline	91214	Classified as 'fatal in contact with skin' (GHS H310).	
ISOQUINOLINE, 1,2,3,4-TETRAHYDRO-	1,2,3,4tetrahydroisoquinoline	91214	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOSTEARAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	ISOSTEARAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	67633630	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
ISOSTEARYL GLYCERYL PENTAERYTHRITYL ETHER	2(hydroxymethyl)2[[2hydroxy3(isooctadecyloxy)propoxy]methyl]1,3propanediol	146925839	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOTHIAZOLINONE CHLORIDE	2Methyl1,2thiazol3(2H)one 5chloro2methyl1,2thiazol3(2H)one; 5Chloro2methyl4isothiazolin3one [EC no.247 5007] / 2Methyl2Hisothiazol3one [EC no. 220..239..6] (3:1); Mixture of 5chloro2methyl2Hisothiazol3one and 2methy	55965849	Classified as 'toxic in contact with skin' (GHS H311).	
ISOTHIAZOLINONE CHLORIDE	2Methyl1,2thiazol3(2H)one 5chloro2methyl1,2thiazol3(2H)one; 5Chloro2methyl4isothiazolin3one [EC no.247 5007] / 2Methyl2Hisothiazol3one [EC no. 220..239..6] (3:1); Mixture of 5chloro2methyl2Hisothiazol3one and 2methy	55965849	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOTHIAZOLINONE CHLORIDE	2Methyl1,2thiazol3(2H)one 5chloro2methyl1,2thiazol3(2H)one; 5Chloro2methyl4isothiazolin3one [EC no.247 5007] / 2Methyl2Hisothiazol3one [EC no. 220..239..6] (3:1); Mixture of 5chloro2methyl2Hisothiazol3one and 2methy	55965849	Classified as 'toxic if inhaled' (GHS H331).	
ISOTHIAZOLINONE CHLORIDE	2Methyl1,2thiazol3(2H)one 5chloro2methyl1,2thiazol3(2H)one; 5Chloro2methyl4isothiazolin3one [EC no.247 5007] / 2Methyl2Hisothiazol3one [EC no. 220..239..6] (3:1); Mixture of 5chloro2methyl2Hisothiazol3one and 2methy	55965849	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOTHIAZOLINONE CHLORIDE	ISOTHIAZOLINONE CHLORIDE	55965849	Isothiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
ISOTHIOCYANIC ACID, 2-CHLOROALLYL ESTER	2chloro3isothiocyantatprop1ene	14214314	Classified as 'fatal in contact with skin' (GHS H310).	
ISOTHIOCYANIC ACID, 2-CHLOROALLYL ESTER	2chloro3isothiocyantatprop1ene	14214314	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOTHIOCYANIC ACID, 2-CHLOROALLYL ESTER	2chloro3isothiocyantatprop1ene	14214314	Classified as 'fatal if inhaled' (GHS H330).	
ISOTHIOCYANIC ACID, 2-CHLOROALLYL ESTER	2chloro3isothiocyantatprop1ene	14214314	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOTHIOCYANIC ACID, ALLYL ESTER	Allyl isothiocyanate	57067	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ISOTHIOCYANIC ACID, ALLYL ESTER	Allyl isothiocyanate	57067	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ISOTHIOCYANIC ACID, ALLYL ESTER	Allyl isothiocyanate	57067	Prohibited by the International Fragrance Association for use in fragrance.	
ISOTHIOCYANIC ACID, PHENYL ESTER	Phenyl isothiocyanate	103720	Classified as 'suspected of causing genetic defects' (GHS H341).	
ISOTHIOCYANIC ACID, PHENYL ESTER	Phenyl isothiocyanate	103720	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ISOTHIOCYANIC ACID, PHENYL ESTER	Phenyl isothiocyanate	103720	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOTHIOCYANIC ACID, PHENYL ESTER	Phenyl isothiocyanate	103720	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ISOTHIOCYANIC ACID, PHENYL ESTER	Phenyl isothiocyanate	103720	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOTRIDECANOL	Isotridecanol	27458920	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ISOVALERIC ACID	ISOVALERIC ACID	503742	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ISOXAFLUTOLE	Isoxaflutole	141112290	California Proposition 65 listed for cancer	
ISOXAFLUTOLE	Isoxaflutole	141112290	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
JUNIPERUS COMMUNIS (JUNIPER) EXTRACT	Juniper, Juniperus communis, ext.	8002684; 84603690	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
JUNIPERUS OXYCEDRUS WOOD OIL RECTIFIED	Cade oil Juniperus oxycedrus L. (Crude)	8013103; 90046029	Prohibited by the International Fragrance Association for use in fragrance.	
Kathon CG-ICP	Kathon CGICP		Isothiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
KEROSENE (PETROLEUM), HYDROTREATED	Distillates (petroleum), hydrotreated light	64742478	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
KEROSINE, HYDRODESULFURIZED	Kerosine (petroleum), hydrodesulfurized	64742810	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
KETOCONAZOLE	Ketoconazol	65277421	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
KETONE, 2-BUTYL-3-BENZOFURANYL 4-(2-(DIETHYLAMINO)ETHOXY)-3,5-DIIODOPHENYL, HYDROCHLORIDE	Amiodarone hydrochloride	19774824	California Proposition 65 listed for developmental, female, male	
KETONE, 2-ETHYL-3-BENZOFURANYL P-HYDROXYPHENYL	Benzarone	1477196	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
KETONE, 2-ETHYL-3-BENZOFURANYL P-HYDROXYPHENYL	Benzarone	1477196	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL	<N>/>Nitrosornicotine (NNN) and 4<N</>/>Nitrosomethylamino)1(3pyridyl)1butanone (NNK)	64091914	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 89, 100E 2012)	
KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL	4(NNitrosomethylamino)1(3pyridyl)1butanone (see NNitrosamines: 15 listings)	64091914	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL	4(NNitrosomethylamino)1(3pyridyl)1butanone	64091914	California Proposition 65 listed for cancer	
KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
KETONE, 3-PYRIDYL 3-(N-METHYL-N-NITROSAMINO)PROPYL	4(NNitrosomethylamino)1(3pyridyl)1butanone	64091914	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
KETONE, FERROCENYL METHYL	Acetylferrocene	1271552	Classified as 'fatal in contact with skin' (GHS H310).	
KETONE, FERROCENYL METHYL	Acetylferrocene	1271552	Classified as 'fatal if inhaled' (GHS H330).	
KETONE, FERROCENYL METHYL	Acetylferrocene	1271552	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
KI205	2,2' [(3,3'dichloro[1,1'biphenyl]4,4'diyl)bis(azo)]bis[3oxoNphenylbutanamide] (Pigment Yellow 12) and its salts, when used as a substance in hair dye products	6358856	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
KI406	CI 13065	587984	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
KI406	Colouring agent CI 13065	587984	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
KRESOXIM-METHYL	Kresoxim methyl	143390890	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
KRESOXIM-METHYL	Kresoximmethyl	143390890	California Proposition 65 listed for cancer	
KRESOXIM-METHYL	methyl (2E)2(methoxyimino)2[2(methylphenoxy)methyl]phenyl]acetate	143390890	Classified as 'suspected of causing cancer' (GHS H351).	
KRESOXIM-METHYL	methyl (2E)2(methoxyimino)2[2(methylphenoxy)methyl]phenyl]acetate	143390890	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
L-PHENYLALANINE, L-SERYL-L-VALYL-L-SERYL-L-ALPHA-GLUTAMYL-L-ISOLEUCYL-L-GLUTAMINYL-L-LEUCYL-L-	Teriparatide	52232674	California Proposition 65 listed for cancer	
L-PHENYLALANINE, L-SERYL-L-VALYL-L-SERYL-L-ALPHA-GLUTAMYL-L-ISOLEUCYL-L-GLUTAMINYL-L-LEUCYL-L-	Teriparatide	52232674	California Prop65 Chemical (cancer)	
L-SERINE, O(SUP 3)-PHOSPHONO-	Ophosphoserine	407410	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
L-THREITOL, 1,4-BISMETHANESULFONATE	Treosulfan	299752	California Proposition 65 listed for cancer	
L-THREITOL, 1,4-BISMETHANESULFONATE	Treosulfan	299752	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	
L-VALINE, N-(1-OXOPENTYL)-N-((2'-(1H-TETRAZOL-5-YL)(1,1'-BIPHENYL)-4-YL)METHYL)-	NPentanoylN{[2'(1Htetrazol5yl)biphenyl4yl]methyl}Lvaline	137862534	Classified as 'may damage fertility or the unborn child' (GHS H360).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
L-VALINE, N-(1-OXOPENTYL)-N-((2'-(1H-TETRAZOL-5-YL)(1,1'-BIPHENYL)-4-YL)METHYL)-	NPentanoylN{[2'(1Htetrazol5yl)biphenyl4yl]methyl}Lvaline	137862534	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
LACCAIC ACID	Laccaic acid (CI Natural Red 25) and its salts, when used as a substance in hair dye products	60687936	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LACCASE	laccase	80498153	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
LACTALBUMIN	αlactalbumin	9051290	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LACTALBUMIN	αlactalbumin	9051290	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LACTAMIDOPROPYL TRIMONIUM CHLORIDE	LACTAMIDOPROPYL TRIMONIUM CHLORIDE	93507518	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LACTIC ACID, BERYLLIUM SALT	Beryllium Compounds	64059263	Listed on the 14th Report on Carcinogens as a known carcinogen	
LACTIC ACID, STRONTIUM SALT (2:1)	Strontium lactate	29870993	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LACTONITRILE	Lactonitrile	78977	Classified as 'fatal in contact with skin' (GHS H310).	
LACTONITRILE	Lactonitrile	78977	Classified as 'fatal if inhaled' (GHS H330).	
LACTOPEROXIDASE	Peroxidase	9003990	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
LAMBDA-CYHALOTHRIN	A mixture of: _cyano3phenoxybenzyl (Z)(1R,3R)[(S)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylate; _cyano3phenoxybenzyl (Z)(1S,3S)[(R)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylat	91465086	Classified as 'toxic in contact with skin' (GHS H311).	
LAMBDA-CYHALOTHRIN	A mixture of: _cyano3phenoxybenzyl (Z)(1R,3R)[(S)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylate; _cyano3phenoxybenzyl (Z)(1S,3S)[(R)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylat	91465086	Classified as 'fatal if inhaled' (GHS H330).	
LAMBDA-CYHALOTHRIN	A mixture of: _cyano3phenoxybenzyl (Z)(1R,3R)[(S)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylate; _cyano3phenoxybenzyl (Z)(1S,3S)[(R)3(2chloro3,3,3trifluoroprop1enyl)]2,2dimethylcyclopropanecarboxylat	91465086	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAMBDA-CYHALOTHRIN	Cyhalothrin (@Karate)	91465086	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
LANTHANUM	Lanthanum oxide	1312818; 7439910	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LANTHANUM	Lanthanum trinitrate	7439910; 10099599	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LANTHANUM NITRATE	Lanthanum trinitrate	7439910; 10099599	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LANTHANUM OXIDE	Lanthanum oxide	1312818; 7439910	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LARD	LARD	61789999	Animal based tallow and lard ingredients are prohibited.	
LASIOCARPINE	Lasiocarpine	303344	California Proposition 65 listed for cancer	
LASIOCARPINE	Lasiocarpine	303344	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
LAURALKONIUM BROMIDE	LAURALKONIUM BROMIDE	7281041	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURALKONIUM CHLORIDE	Dodecyl dimethylbenzyl ammonium Chloride	139071	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LAURALKONIUM CHLORIDE	LAURALKONIUM CHLORIDE	139071	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURALKONIUM CHLORIDE	Lauryl Dimethylbenzyl Ammonium Chloride	139071	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURALKONIUM CHLORIDE	Dodecyl dimethylbenzyl ammonium Chloride	139071	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LAURAMIDE DEA	LAURAMIDE DEA	120401	Ethanolamines can cause asthma, and contain harmful impurities	
LAURAMIDE MEA	LAURAMIDE MEA	142789	Ethanolamines can cause asthma, and contain harmful impurities	
LAURAMINE	Dodecylamine	124221	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURAMINE	Dodecylamine	124221	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURIC ACID, BARIUM CADMIUM SALT	Cadmium Compounds	15337607	Listed on the 14th Report on Carcinogens as a known carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
LAURIC ACID, CADMIUM SALT (2:1)	Cadmium Compounds	2605449	Listed on the 14th Report on Carcinogens as a known carcinogen	
LAUROYL SARCOSINE	Nlauroylsarcosine	97789	Classified as 'fatal if inhaled' (GHS H330).	
LAURTRIMONIUM BROMIDE	Dodecyltrimethylammonium bromide	1119944	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURTRIMONIUM BROMIDE	LAURTRIMONIUM BROMIDE	1119944	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURTRIMONIUM CHLORIDE	Dodecyltrimethylammonium chloride	112005	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURTRIMONIUM CHLORIDE	Dodecyltrimethylammonium chloride	112005	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURTRIMONIUM CHLORIDE	LAURTRIMONIUM CHLORIDE	112005	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURUS NOBILIS	LAURUS NOBILIS		List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LAURUS NOBILIS (BAY LAUREL) OIL	LAURUS NOBILIS (BAY LAUREL) OIL		List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LAURUS NOBILIS FRUIT OIL	LAURUS NOBILIS FRUIT OIL		List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LAURUS NOBILIS OIL	Laurus nobilis, ext.	8002413; 8007485; 84603736	Classified as 'suspected of causing genetic defects' (GHS H341).	
LAURUS NOBILIS OIL	Laurus nobilis, ext.	8002413; 8007485; 84603736	Classified as 'suspected of causing cancer' (GHS H351).	
LAURYL ALCOHOL DIPHOSPHONIC ACID	(1hydroxydodecylidene)diphosphonic acid	16610632	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURYL ALCOHOL DIPHOSPHONIC ACID	(1hydroxydodecylidene)diphosphonic acid	16610632	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURYL METHYL GLUCETH-10 HYDROXYPROPYLDIMONIUM CHLORIDE	LAURYL METHYL GLUCETH10 HYDROXYPROPYLDIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LAURYL PHOSPHATE	Phosphoric acid, dodecyl ester	12751234	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURYL PYRROLIDONE	LAURYL PYRROLIDONE	2687969	EWG F scoring ingredient under any condition of use.	
LAURYL PYRROLIDONE	N(dodecyl)pyrrolidinone	2687969	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURYL PYRROLIDONE	N(dodecyl)pyrrolidinone	2687969	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURYLAMINE DIPROPYLENEDIAMINE	N(3aminopropyl)Ndodecylpropane1,3diamine	2372829	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURYLAMINE DIPROPYLENEDIAMINE	N(3aminopropyl)Ndodecylpropane1,3diamine	2372829	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAURYLPIRIDINIUM CHLORIDE	1dodecylpyridinium chloride	104745; 207234024	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LAURYLPIRIDINIUM CHLORIDE	1dodecylpyridinium chloride	104745; 207234024	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LAWSONE	Henna	83727	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LAWSONIA INERMIS (HENNA)	Henna	83727	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LEAD	Lead	7439921	California Proposition 65 listed for cancer, developmental	
LEAD	Lead	7439921	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
LEAD	Lead	7439921	Classified as 'may cause cancer' (GHS H350).	
LEAD	Lead	7439921	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD	Lead	7439921	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD	Lead	7439921	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD	Lead	7439921	Possibly carcinogenic to humans' IARC (Category 2B, Volume 23, Sup 7 1987)	
LEAD	Lead (see Lead and Lead Compounds)	7439921	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
LEAD	Lead and compounds (inorganic)	7439921	EPA IRIS 'probable carcinogen'.	
LEAD	Lead and its compounds	7439921	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
LEAD	Lead and its compounds	7439921	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LEAD	lead compounds with the exception of those specified elsewhere in this Annex	7439921	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

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LEAD	Lead monoxide	1317368; 7439921	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD	Lead monoxide	1317368; 7439921	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD	Lead monoxide	1317368; 7439921	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD	Lead monoxide	1317368; 7439921	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD	Lead	7439921	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
LEAD 2,4,6-TRINITRO-M-PHENYLENE DIOXIDE	lead 2,4,6trinitromphenylene dioxide	15245440	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD 2,4,6-TRINITRO-M-PHENYLENE DIOXIDE	lead 2,4,6trinitromphenylene dioxide	15245440	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD ACETATE	Lead acetate	301042	California Proposition 65 listed for cancer	
LEAD ACETATE	Lead acetate	301042	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
LEAD ACETATE	lead di(acetate)	301042; 6080564	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD ACETATE (II), TRIHYDRATE	lead di(acetate)	301042; 6080564	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD CARBONATE	Lead carbonate	598630	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD CARBONATE	Lead carbonate	598630	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD CHLORIDE	Lead dichloride	7758954	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD CHLORIDE	Lead dichloride	7758954	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD CHLORIDE	Lead dichloride	7758954	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD CHLORIDE	Lead dichloride	7758954	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD CHROMATE	Chromium Compounds	7758976	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LEAD CHROMATE MOLYBDATE SULFATE RED	Lead Chromate Molybdate Sulfate Red	12656858	Classified as 'may cause cancer' (GHS H350).	
LEAD CHROMATE MOLYBDATE SULFATE RED	Lead Chromate Molybdate Sulfate Red	12656858	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD CHROMATE(VI) OXIDE	Chromium Compounds	18454121	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LEAD DIAZIDE	lead diazide	13424469	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD DIAZIDE	lead diazide	13424469	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD DIOXIDE	LEAD DIOXIDE	1309600	Classified as 'suspected of causing genetic defects' (GHS H341).	
LEAD DIOXIDE	LEAD DIOXIDE	1309600	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD DIOXIDE	LEAD DIOXIDE	1309600	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD DIOXIDE	LEAD DIOXIDE	1309600	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD DROSS	Lead, dross	69029523	Classified as 'suspected of causing genetic defects' (GHS H341).	
LEAD DROSS	Lead, dross	69029523	Classified as 'may cause cancer' (GHS H350).	
LEAD DROSS	Lead, dross	69029523	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD DROSS	Lead, dross	69029523	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD DROSS	Lead, dross	69029523	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LEAD DROSS	Lead, dross	69029523	Classified as 'toxic if inhaled' (GHS H331).	
LEAD DROSS	Lead, dross	69029523	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD DROSS	Lead, dross	69029523	Classified as 'may cause genetic defects' (GHS H340).	
LEAD MONOXIDE	Lead monoxide	1317368; 7439921	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD MONOXIDE	Lead monoxide	1317368; 7439921	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD MONOXIDE	Lead monoxide	1317368; 7439921	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD MONOXIDE	Lead monoxide	1317368; 7439921	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD SULFIDE	Lead sulphide	1314870	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD SULFIDE	Lead sulphide	1314870	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD SULFOCHROMATE YELLOW	Lead Sulfochromate Yellow	1344372	Classified as 'may cause cancer' (GHS H350).	
LEAD SULFOCHROMATE YELLOW	Lead Sulfochromate Yellow	1344372	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD SULFOCHROMATE YELLOW	Chromium Compounds	1344372	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LEAD TETROXIDE	Orange lead	1314416	Classified as 'suspected of causing genetic defects' (GHS H341).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
LEAD TETROXIDE	Orange lead	1314416	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD TETROXIDE	Orange lead	1314416	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD TETROXIDE	Orange lead	1314416	Classified as 'may cause harm to breastfed children' (GHS H362).	
LEAD TETROXIDE	Orange lead	1314416	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD TITANIUM ZIRCONIUM OXIDE	Lead titanium zirconium oxide	12626812	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD TITANIUM ZIRCONIUM OXIDE	Lead titanium zirconium oxide	12626812	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD-MOLYBDENUM CHROMATE	Chromium Compounds	12709987	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
LEAD, BIS(ACETATO)TETRAHYDROXYTRI-	Lead subacetate	1335326	California Proposition 65 listed for cancer	
LEAD(II) METHANESULPHONATE	Lead(II) bis(methanesulfonate)	17570762	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD(II) NITRATE (1:2)	Lead dinitrate	10099748	Classified as 'suspected of causing cancer' (GHS H351).	
LEAD(II) NITRATE (1:2)	Lead dinitrate	10099748	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD(II) NITRATE (1:2)	Lead dinitrate	10099748	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD(II) PHOSPHATE (3:2)	Lead phosphate	7446277	California Proposition 65 listed for cancer	
LEAD(II) SULFATE (1:1)	Lead sulphate	7446142	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LEAD(II) SULFATE (1:1)	Lead sulphate	7446142	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LEAD(II)CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	5920502	California Prop65 Chemical (male)	
LECITHIN	Soybean Lecithin	90320573	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LECTIN	Soybean Lecithin	90320573	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
LEUROCRISTINE SULFATE (1:1)	Vincristine sulfate	2068782	California Proposition 65 listed for developmental	
LEUTENIZING HORMONE-RELEASING FACTOR (PIG), 6-D-LEUCINE-9-(N-ETHYL-L-PROLINAMIDE)-10-	Leuprolide acetate	74381536	California Proposition 65 listed for developmental, female, male	
LIDOCAINE	Lidocaine	137586	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
LIDOCAINE	Lidocaine (INN)	137586	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LILIAL	2(4tertButylbenzyl)propionaldehyde	80546	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
LILIAL	LILIAL	80546	Europe prohibits this ingredient in cosmetics	
linear alcohol ethoxylates	Linear Alcohol Ethoxylates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
Linear Alkyl Benzene Sulfonate Triethanolamine Salts	Linear Alkyl Benzene Sulfonate Triethanolamine Salts		Ethanolamines can cause asthma, and contain harmful impurities	
Linear Alkyl Benzene Sulfonate Triethanolamine Salts	Linear Alkyl Benzene Sulfonate Triethanolamine Salts		EWG Verified doesn't allow products to use nonspecific ingredient names.	
LINOLEAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	LINOLEAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	99542231	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LINOLEAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	LINOLEAMIDOPROPYL PGDIMONIUM CHLORIDE PHOSPHATE	83682784	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
LINURON	Linuron	330552	California Proposition 65 listed for developmental	
LINURON	Linuron (ISO)	330552	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LINURON	Linuron (Lorox)	330552	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
LITHIUM	lithium	7439932	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM	Lithium carbonate	554132; 7439932	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LITHIUM 3-OXO-1,2(2H)-BENZISOTHIAZOL-2-IDE	lithium 3oxo1,2(2H)benzisothiazol2ide	111337532	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM ALUMINUMTRI-TERT-BUTOXYHYDRIDE	Aluminium lithium tritertbutoxide hydride	17476049	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM BIS(TRIFLUOROMETHYLSULFONYL)IMIDE	lithium bis(trifluoromethylsulfonyl)imide	90076656	Classified as 'fatal in contact with skin' (GHS H310).	
LITHIUM BIS(TRIFLUOROMETHYLSULFONYL)IMIDE	lithium bis(trifluoromethylsulfonyl)imide	90076656	Classified as 'toxic in contact with skin' (GHS H311).	
LITHIUM BIS(TRIFLUOROMETHYLSULFONYL)IMIDE	lithium bis(trifluoromethylsulfonyl)imide	90076656	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM CARBONATE	Lithium carbonate	554132	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
LITHIUM CARBONATE	Lithium carbonate	554132; 7439932	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LITHIUM CHLORIDE	Lithium chloride	7447418	Classified as 'may damage fertility or the unborn child' (GHS H360).	
LITHIUM FLUORIDE	Lithium fluoride	7789244	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM HYDRIDE	Lithium hydride	7580678	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM HYDROXIDE	LITHIUM HYDROXIDE	1310652; 1310663	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LITHIUM SODIUM 3-AMINO-10-[4-(10-AMINO-6,13-DICHLORO-4,11-DISULFONATOBENZO[5,6][1,4]OXAZINO[2,3-B]PHENOXAZINE-3-YLAMINO)-6-[METHYL(2-SULFONATO-ETHYL)AMINO]-1,3,5-TRIAZIN-2-YLAMINO)-6,13-DICHLOROBENZO[5,6][1,4]OXAZINO[2,3-B]PHENOXAZINE-4,11-DISULFONATE	LITHIUM SODIUM 3-AMINO-10-[4-(10-AMINO-6,13-DICHLORO-4,11-DISULFONATOBENZO[5,6][1,4]OXAZINO[2,3-B]PHENOXAZINE-3-YLAMINO)-6-[METHYL(2-SULFONATO-ETHYL)AMINO]-1,3,5-TRIAZIN-2-YLAMINO)-6,13-DICHLOROBENZO[5,6][1,4]OXAZINO[2,3-B]PHENOXAZINE-4,11-DISULFONATE	154212585	Europe prohibits this ingredient in cosmetics	
LITHIUM SULFIDE	Lithium sulphide, anhydrous	12136582	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
LOBELIA INFLATA EXTRACT	Lobelia inflata L. and its galenical preparations	84696231	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LOBELINE	Lobeline (INN) and its salts	90697	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LOBELINE	Lobeline and its salts	90697	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
LONGIFOLENE	[1S(1,3a,4,8a)]decahydro4,8,8-trimethyl9methylene1,4-methanoazulene	475207	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LONGIFOLENE	Longifolene; Longifolene Coeur; Longifolene STD; Reaction mass of (1S,3aR,4S,8aS)4,8,8-trimethyl9methylidenedecahydro1,4-methanoazulene and (1R,4E,9S)4,11,11-trimethyl8methylidenebicyclo[7.2.0]undec4ene; Reaction mass of 475.20.7 and 87.44	475207	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LORATADINE	ethyl 4(8chloro5,6dihydro11Hbenzo[5,6]cyclohepta[1,2b]pyridin11ylidene)piperidine1carboxylate	79794755	Classified as 'suspected of causing cancer' (GHS H351).	
LORATADINE	ethyl 4(8chloro5,6dihydro11Hbenzo[5,6]cyclohepta[1,2b]pyridin11ylidene)piperidine1carboxylate	79794755	Classified as 'suspected of causing genetic defects' (GHS H341).	
LORATADINE	ethyl 4(8chloro5,6dihydro11Hbenzo[5,6]cyclohepta[1,2b]pyridin11ylidene)piperidine1carboxylate	79794755	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LUBRICATING GREASES	Lubricating greases, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen	74869219	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LUBRICATING OILS	Lubricating oils	74869220	Classified as 'may cause cancer' (GHS H350).	
LUBRICATING OILS	Lubricating oils	74869220	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
LUBRICATING OILS	Lubricating oils, if they contain > 3 % w/w DMSO extract	74869220	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LUTEINIZING HORMONE-RELEASING FACTOR (PIG), 6-(3-(2-NAPHTHALENYL)-D-ALANINE)-, MONOACETATE	Nafarelin acetate	86220420	California Proposition 65 listed for developmental	
LUTEINIZING HORMONE-RELEASING FACTOR (PIG), 6-(O-1,1-DIMETHYLETHYL)-D-SERENE]-10-	Goserelin acetate	65807025	California Proposition 65 listed for developmental, female, male	
LUTETIUM(III) NITRATE (1:3)	Lutetium trinitrate	10099679	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
LYRAL	3 and 4 (4Hydroxy4methylpentyl)cyclohex3ene1carbaldehyde	31906044; 51414256	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
LYRAL	HYDROXYISOHEXYL 3CYCLOHEXENE CARBOXYALDEHYDE	51414256	Extreme sensitizing ingredient prohibited in cosmetics in Europe.	
LYRAL	LYRAL	31906044	Extreme sensitizing ingredient prohibited in cosmetics in Europe.	
LYSOZYME (CHICKEN EGG WHITE)	Lysozyme (chicken egg white)	12650883	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
LYSOZYME, HYDROCHLORIDE	Lysozyme, hydrochloride	9066595	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
M-ANISIDINE	manisidine	536903	Classified as 'toxic in contact with skin' (GHS H311).	
M-ANISIDINE	manisidine	536903	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-BENZENEDISULFONAMIDE, 4-CHLORO-	Clofenamide	671954	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
M-BENZENEDISULFONAMIDE, 4-CHLORO-	Clofenamide (INN)	671954	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
M-BENZENEDISULFONAMIDE, 4,5-DICHLORO-	Dichlorphenamide	120978	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'may cause genetic defects' (GHS H340).	
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'may cause cancer' (GHS H350).	
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'may damage fertility or the unborn child' (GHS H360).	
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'toxic in contact with skin' (GHS H311).	
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	108394	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-CRESOL	2chloro3methylphenol; 2chloro5methylphenol; 3methylphenol	108394	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL	3Methylphenol	108394	EPA IRIS 'possible carcinogen'.	
M-CRESOL	3methylphenol; 4methylphenol	108394	Classified as 'toxic in contact with skin' (GHS H311).	
M-CRESOL	3methylphenol; 4methylphenol	108394	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL	Cresol	1319773	Classified as 'toxic in contact with skin' (GHS H311).	
M-CRESOL	Cresol	1319773	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL	mCresol	108394	Classified as 'toxic in contact with skin' (GHS H311).	
M-CRESOL	mCresol	108394	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL, 4-NITRO-	Nitrocresols and their alkali metal salts	12167203; 119335; 4920778; 2042140; 2581342; 5428546; 700389; 2666764	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
M-CRESOL, 4,4'-BUTYLIDENE BIS(6-TERT-BUTYL-	6,6'ditertbutyl4,4'butylidenedimcresol	85609	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-CRESOL, 4,4'-THIOBIS(6-TERT-BUTYL-	6,6'ditertbutyl4,4'thiodimcresol	96695	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-CRESOL, ALPHA,ALPHA,ALPHA-TRIFLUORO-	___trifluoromcresol	98179	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL, ALPHA,ALPHA,ALPHA-TRIFLUORO-4-NITRO-	___trifluoro4nitromcresol	88302	Classified as 'toxic in contact with skin' (GHS H311).	
M-CRESOL, ALPHA,ALPHA,ALPHA-TRIFLUORO-4-NITRO-	___trifluoro4nitromcresol	88302	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-CRESOL, ALPHA,ALPHA,ALPHA-TRIFLUORO-4-NITRO-	___trifluoro4nitromcresol	88302	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-PHENYLENEDIAMINE	mphenylenediamine	108452	Classified as 'suspected of causing genetic defects' (GHS H341).	
M-PHENYLENEDIAMINE	mphenylenediamine	108452	Classified as 'toxic in contact with skin' (GHS H311).	
M-PHENYLENEDIAMINE	mphenylenediamine	108452	Classified as 'toxic if inhaled' (GHS H331).	
M-PHENYLENEDIAMINE	mphenylenediamine	108452	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-PHENYLENEDIAMINE, 4-(PHENLAZO)-	4(phenylazo)benzene1,3diamine	495545	Classified as 'suspected of causing genetic defects' (GHS H341).	
M-PHENYLENEDIAMINE, 4-(PHENLAZO)-	4(phenylazo)benzene1,3diamine	495545	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-PHENYLENEDIAMINE, 4-(PHENLAZO)-	m Phenylenediamine, 4(phenylazo), and its salts, when used as a substance in hair dye products	495545	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
M-PHENYLENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE	4 Ethoxymphenylenediamine and its salts	67801063; 5862771; 68015985; 6219698	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
M-PHENYLENEDIAMINE, 4-ETHOXY-, DIHYDROCHLORIDE	4Ethoxymphenylenediamine and its salts	5862771; 6219698; 68015985; 67801063	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
M-PHENYLENEDIAMINE, 4-METHOXY-, DIHYDROCHLORIDE	4MethoxymphenylenediamineHCl	614948	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
M-PROPIONOTOLUIDIDE, 2-METHYL-4'-NITRO-ALPHA,ALPHA,ALPHA-TRIFLOURO-	Flutamide	13311847	California Proposition 65 listed for developmental	
m-tert-BUTYLPHENYL ISOBUTYRALDEHYDE	3(mtertButylphenyl)2methylpropionaldehyde	62518654	Classified as 'may damage fertility or the unborn child' (GHS H360).	
M-TOLUENESULFONIC ACID, 6-AMINO-	4aminotoluene3sulphonic acid	88448	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
M-TOLUIDINE	mToluidine	108441	Classified as 'toxic in contact with skin' (GHS H311).	
M-TOLUIDINE	mToluidine	108441	Classified as 'toxic if inhaled' (GHS H331).	
M-TOLUIDINE	mToluidine	108441	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
M-TOLUIDINE, 6-CHLORO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
M-TOLUIDINE, 6-CHLORO-ALPHA,ALPHA,ALPHA-TRIFLUORO-N-(5,6-DIHYDRO-4H-1,3-THIAZIN-2-YL)-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
M-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-	تريفلورومتوليدية	98168	Classified as 'fatal if inhaled' (GHS H330).	
M-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
M-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-, HYDROCHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
M-XYLENE-ALPHA,ALPHA'-DIOL, ALPHA'-((TERT-BUTYLAMINO)METHYL)-4-HYDROXY-	Salbutamol	18559949	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
M-XYLENE-ALPHA,ALPHA'-DIOL, ALPHA'-((TERT-BUTYLAMINO)METHYL)-4-HYDROXY-	Salbutamol	18559949	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MAIN COMPONENT 6 (ISOMER): ASYM. 1:2 CR(III)-COMPLEX OF: A: 3-HYDROXY-4-(2-HYDROXY-NAPHTHALENE-1-YLAZO)NAPHTHALENE-1-SULFONIC ACID, NA-SALT AND B: 1-[2-HYDROXY-5-(4-METHOXY-PHENYLAZO)PHENYLAZO]NAPHTHALENE-2-OL	Main component 6 (isomer): asym. 1:2 Cr(III)complex of: A: 3hydroxy4(2hydroxynaphthalene1ylazo)naphthalene1sulfonic acid, Nasalt and B: 1[2hydroxy5(4methoxyphenylazo)phenylazo]naphthalene2ol; Main component 8 (isomer): asym. 1:2 Cr	30785741	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
MALATHION	Malathion	121755	California Proposition 65 listed for cancer	
MALATHION	Malathion	121755	Probably carcinogenic to humans' IARC (Category 2A, Volume 30, Sup 7, 112 2017)	
MALATHION	Malathion	121755	Listed as an IARC Group 2A Carcinogen	
MALATHION	Malathion	121755	California Prop65 Chemical (cancer)	
MALEIC ACID	maleic acid	110167	According to the harmonised classification and labelling (ATP01) approved by the European Union, this substance is harmful if swallowed, causes serious eye irritation, causes skin irritation, may cause an allergic skin reaction and may cause respiratory irritation. .	
MALEIC ACID, BIS(1,3-DIMETHYLBUTYL) ESTER	2Butenedioic acid (2Z), bis(1,3dimethylbutyl)ester	105522	According to the classification provided by companies to ECHA in REACH registrations a similar substance is very toxic to aquatic life with long lasting effects, may cause damage to organs through prolonged or repeated exposure	
MALEIC ACID, DIETHYL ESTER	Diethyl maleate	141059	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MALEIC ACID, DIETHYL ESTER	Diethyl maleate	141059	Prohibited by the International Fragrance Association for use in fragrance.	
MALEIC ACID, DIETHYL ESTER	Diethyl maleate, when used as a fragrance ingredient	141059	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MALEIC ANHYDRIDE	maleic anhydride	108316	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
MALEIC ANHYDRIDE	maleic anhydride	108316	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MALEIC ANHYDRIDE	maleic anhydride	108316	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MALEIC ANHYDRIDE	maleic anhydride	108316	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MALEIMIDE, N-PHENYL-	Nphenylmaleimide	941695	Classified as 'fatal if inhaled' (GHS H330).	
MALEIMIDE, N-PHENYL-	Nphenylmaleimide	941695	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
MALEIMIDE, N,N'-(M-PHENYLENE)DI-	1,1'(1,3phenylene)bis1Hpyrrole2,5dione	3006937	Classified as 'toxic in contact with skin' (GHS H311).	
MALEIMIDE, N,N'-(M-PHENYLENE)DI-	1,1'(1,3phenylene)bis1Hpyrrole2,5dione	3006937	Classified as 'fatal if inhaled' (GHS H330).	
MALEIMIDE, N,N'-(METHYLENEDI-P-PHENYLENE)DI-	1,1'(methylenediphenylene)bismaleimide	13676545	Classified as 'fatal if inhaled' (GHS H330).	
MALONALDEHYDE, ION(1-), SODIUM	Malonaldehyde, sodium salt	24382045	California Proposition 65 listed for cancer	
MALONIC ACID, (ETHOXYMETHYLENE)-, DIETHYL ESTER	Diethyl ethoxymethylenemalonate	87138	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MALONIC ACID, (ETHOXYMETHYLENE)-, DIETHYL ESTER	Diethyl ethoxymethylenemalonate	87138	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MALONIC ACID, FLUORO-, DIETHYL ESTER	Diethyl fluoromalonate	685881	Classified as 'toxic in contact with skin' (GHS H311).	
MALONIC ACID, FLUORO-, DIETHYL ESTER	Diethyl fluoromalonate	685881	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MALONONITRILE	malononitrile	109773	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MALONONITRILE	malononitrile	109773	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MALONONITRILE	malononitrile	109773	Classified as 'toxic in contact with skin' (GHS H311).	
MALONONITRILE	malononitrile	109773	Classified as 'toxic if inhaled' (GHS H331).	
MALONONITRILE	malononitrile	109773	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MALONONITRILE, O-CHLOROBENZYLIDENE-	[(2chlorophenyl)methylene]malononitrile	2698411	Classified as 'fatal if inhaled' (GHS H330).	
MALONONITRILE, O-CHLOROBENZYLIDENE-	[(2chlorophenyl)methylene]malononitrile	2698411	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MANCOZEB	Mancozeb	8018017	California Proposition 65 listed for cancer	
MANCOZEB	Mancozeb	8018017	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
MANEB	Maneb	12427382	California Proposition 65 listed for cancer	
MANEB	Maneb	12427382	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
MANGANESE OXIDE	Trimanganese tetraoxide	1317357	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	Tricarbonyl(methylcyclopentadienyl)manganese	12108133	Classified as 'suspected of causing cancer' (GHS H351).	
MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	Tricarbonyl(methylcyclopentadienyl)manganese	12108133	Classified as 'fatal in contact with skin' (GHS H310).	
MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	Tricarbonyl(methylcyclopentadienyl)manganese	12108133	Classified as 'toxic in contact with skin' (GHS H311).	
MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	Tricarbonyl(methylcyclopentadienyl)manganese	12108133	Classified as 'fatal if inhaled' (GHS H330).	
MANGANESE, TRICARBONYL METHYLCYCLOPENTADIENYL	Tricarbonyl(methylcyclopentadienyl)manganese	12108133	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MANGANESE(II) NITRATE HEXAHYDRATE	Manganese dinitrate	10377669; 17141638	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MANNITOL, 1,6-BIS(2-CHLOROETHYL)AMINO)-1,6-DIDEOXY-, D-,	Mannomustine (INN) and its salts	576681	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MANNITOL, 1,6-BIS(2-CHLOROETHYL)AMINO)-1,6-DIDEOXY-, D-,	Mannomustine and its salts	576681	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Margosa, ext. [from the kernels of Azadirachta indica extracted with water and further processed with organic solvents]	Margosa, ext. [from the kernels of Azadirachta indica extracted with water and further processed with organic solvents]	84696-25-3	This ingredient is banned the European Union	X
MEA PPG-6 LAURETH-7 CARBOXYLATE	MEA PPG6 LAURETH7 CARBOXYLATE		Ethanolamines can cause asthma, and contain harmful impurities	
MEA-BORATE	MEA Borate	68130121	Ethanolamines can cause asthma, and contain harmful impurities	
MEA-BORATE	MEABORATE	10377818	Ethanolamines can cause asthma, and contain harmful impurities	
MEA-BORATE	MEABORATE	13077818	Ethanolamines can cause asthma, and contain harmful impurities	
MEA-LAURETH SULFATE	MEALAURETH SULFATE	68184043	Ethanolamines can cause asthma, and contain harmful impurities	
MEA-LAURETH-6 CARBOXYLATE	MEALAURETH6 CARBOXYLATE		Ethanolamines can cause asthma, and contain harmful impurities	
MEA-OLEATE	MEAOLEATE	2272119	Ethanolamines can cause asthma, and contain harmful impurities	
MEA-SALICYLATE	MEASALICYLATE	59866705	Ethanolamines can cause asthma, and contain harmful impurities	
MELAMINE	Melamine	108781	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73, 119 in prep.)	
MELAMINE	Melamine	108781	Listed as an IARC Group 2B Carcinogen	
MELAMINE PEROXIDE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, HEXA(METHYL-D(SUB 3))-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, HEXAMETHYL-	Altretamine	645056	California Proposition 65 listed for developmental, male	
MELAMINE, HEXAMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, HEXAMETHYL-, HYDROCHLORIDE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MELAMINE, METHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-(P-ARSENOSOPHENYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-BUTYL-N(SUP 4)-CYCLOHEXYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-CYCLOHEXYL-N(SUP 4)-ETHYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-CYCLOHEXYL-N(SUP 4)-METHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-CYCLOHEXYL-N(SUP 4)-PROPYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-ETHYL-N(SUP 4)-PHENETHYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-HEXYL-N(SUP 4)-PHENETHYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2)-METHYL-N(SUP 4),N(SUP 4),N(SUP 6),N(SUP 6)-TETRAETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 2)-BIS(2,3-DIBROMOPROPYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 2)-DIETHYL-N(SUP 4),N(SUP 4),N(SUP 6)-TETRAMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 2)-DIMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MELAMINE, N(SUP 2),N(SUP 2)-DIPROPYL-N(SUP 4)-PHENETHYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 2),N(SUP 4),N(SUP 4)-TETRAMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 2),N(SUP 4),N(SUP 6)-TETRAMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 4)-BIS(3-METHYLCYCLOHEXYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 2),N(SUP 4),N(SUP 6)-TRIMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 4)-CYCLOHEXYL-N(SUP 2),N(SUP 2)-DIETHYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, N(SUP 4)-CYCLOHEXYL-N(SUP 2),N(SUP 2)-DIPROPYL-, MALEATE (1:1)	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, PENTAMETHYL-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELAMINE, PENTAMETHYL-, HYDROCHLORIDE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
MELITTIN	MELITTIN	20449790	Melittin is component of bee venom linked to severe allergic/anaphylactic reactions.	
MERCAPTOPROPIONIC ACID	3MERCAPTOPROPIONIC ACID	107960	Classified as 'toxic in contact with skin' (GHS H311).	
MERCAPTOPROPIONIC ACID	3MERCAPTOPROPIONIC ACID	107960	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MERCAPTOPROPIONIC ACID	3MERCAPTOPROPIONIC ACID	107960	Classified as 'fatal if inhaled' (GHS H330).	
MERCURIC OXIDE	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MERCURY	mercury	7439976	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
MERCURY	mercury	7439976	Classified as 'fatal if inhaled' (GHS H330).	
MERCURY	mercury	7439976	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MERCURY	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MERCURY	Mercury and its compounds, except those special cases included in Annex V	7439976	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MERCURY, DIMETHYL	Methyl mercury	593748	California Proposition 65 listed for developmental	
MERCURY(1+), METHYL-, ION	Methylmercury (MeHg)	22967926	EPA IRIS 'possible carcinogen'.	
MERCURY(II) CHLORIDE	Mercuric chloride (HgCl <sub>2</sub> )	7487947	EPA IRIS 'possible carcinogen'.	
MERCURY(II) CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	5920401	California Prop65 Chemical (male)	
MERCURY(II) SULFATE (1:1)	Mercury sulphate	7783359	Classified as 'fatal in contact with skin' (GHS H310).	
MERCURY(II) SULFATE (1:1)	Mercury sulphate	7783359	Classified as 'fatal if inhaled' (GHS H330).	
MERCURY(II) SULFATE (1:1)	Mercury sulphate	7783359	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MESITOL	2,4,6Trimethylphenol	527606	Classified as 'suspected of causing genetic defects' (GHS H341).	
MESITOL	2,4,6Trimethylphenol	527606	Classified as 'toxic in contact with skin' (GHS H311).	
MESITOL	2,4,6Trimethylphenol	527606	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MESITOL	2,4,6Trimethylphenol	527606	Classified as 'toxic if inhaled' (GHS H331).	
MESITYLENE	1,3,5trimethylbenzene; 1ethyl4methylbenzene; prop1en2ylbenzene; propan2ylbenzene; propylbenzene	64742956	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
MESOTRIONE	MESOTRIONE	104206828	Europe prohibits this ingredient in cosmetics	
METABROMSALAN	Dibromosalicylanilides	24556647; 87127; 2577722	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
METABROMSALAN	metabromsalan	2577722	FDA Banned ingredients in cosmetics.	
METAM-SODIUM	Metam Natrium	137428	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
METAM-SODIUM	Metamsodium	137428	Classified as 'toxic in contact with skin' (GHS H311).	
METAM-SODIUM	Metamsodium	137428	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METAM-SODIUM	Metamsodium	137428	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METAM-SODIUM	Metham sodium	137428	California Proposition 65 listed for cancer	
METAM-SODIUM	Metham sodium	137428	California Proposition 65 listed for developmental	
METAPHOSPHORIC ACID	Amorphous condensation products of orthophosphoric acid and sodium carbonate (36 : 1); metaphosphoric acid	10343621	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHACRYLALDEHYDE	Methacrylaldehyde	78853	Classified as 'fatal in contact with skin' (GHS H310).	
METHACRYLALDEHYDE	Methacrylaldehyde	78853	Classified as 'toxic in contact with skin' (GHS H311).	
METHACRYLALDEHYDE	Methacrylaldehyde	78853	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHACRYLALDEHYDE	Methacrylaldehyde	78853	Classified as 'fatal if inhaled' (GHS H330).	
METHACRYLIC ACID	Methacrylic acid	79414	Classified as 'toxic in contact with skin' (GHS H311).	
METHACRYLIC ACID	Methacrylic acid	79414	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHACRYLIC ACID, ISODECYL ESTER	Isodecyl methacrylate	29964849	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHACRYLIC ACID, POLYMER WITH ETHYL ACRYLATE	Acrylate Copolymer	25212888	According to the European Detergent Ingredient Database, a similar ingredient is persistent and has moderate aquatic toxicity.	
METHACRYLIC ANHYDRIDE	Methacrylic anhydride	760930	Classified as 'toxic if inhaled' (GHS H331).	
METHACRYLONITRILE	METHACRYLONITRILE	126987	Classified as 'toxic in contact with skin' (GHS H311).	
METHACRYLONITRILE	METHACRYLONITRILE	126987	Classified as 'fatal if inhaled' (GHS H330).	
METHACRYLONITRILE	METHACRYLONITRILE	126987	Classified as 'toxic if inhaled' (GHS H331).	
METHACRYLOYL CHLORIDE	Methacryloyl chloride	920467	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHACRYLOYL CHLORIDE	Methacryloyl chloride	920467	Classified as 'fatal if inhaled' (GHS H330).	
METHANE, BIS(2-CHLOROETHOXY)-	Bis(2chloroethoxy)methane	111911	Classified as 'fatal if inhaled' (GHS H330).	
METHANE, BROMODICHLORO-	Bromodichloromethane	75274	California Proposition 65 listed for cancer	
METHANE, BROMODICHLORO-	Bromodichloromethane	75274	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
METHANE, BROMODICHLORO-	Bromodichloromethane	75274	EPA IRIS 'probable carcinogen'.	
METHANE, BROMODICHLORO-	Bromodichloromethane	75274	Possibly carcinogenic to humans' IARC (Category 2B, Volume 52, 71 1999)	
METHANE, BROMODICHLORO-	Bromodichloromethane	75274	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
METHANE, CHLORODIBROMO-	Dibromochloromethane	124481	EPA IRIS 'possible carcinogen'.	
METHANE, TETRANITRO-	Tetranitromethane	509148	California Proposition 65 listed for cancer	
METHANE, TETRANITRO-	Tetranitromethane	509148	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
METHANE, TETRANITRO-	Tetranitromethane	509148	Possibly carcinogenic to humans' IARC (Category 2B, Volume 65 1996)	
METHANE, TETRANITRO-	Tetranitromethane	509148	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
METHANEARSONIC ACID	Methylarsonic acid	124583	Possibly carcinogenic to humans' IARC (Category 2B, Volume 100C 2012)	
METHANEARSONIC ACID	Monomethylarsonic acid (see Methylarsonic acid)	124583	Possibly carcinogenic to humans' IARC (Category 2B, Volume 100C 2012)	
METHANESULFENYL CHLORIDE, TRICHLORO-	Trichloromethanesulphenyl chloride	594423	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
METHANESULFENYL CHLORIDE, TRICHLORO-	Trichloromethanesulphenyl chloride	594423	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFENYL CHLORIDE, TRICHLORO-	Trichloromethanesulphenyl chloride	594423	Classified as 'fatal if inhaled' (GHS H330).	
METHANESULFINIC ACID, AMINOIMINO-	Aminoiminomethanesulphinic acid	1758732	Classified as 'fatal if inhaled' (GHS H330).	
METHANESULFINIC ACID, HYDROXY-, MONOSODIUM SALT	Sodium hydroxymethanesulphinate	149440	Classified as 'suspected of causing genetic defects' (GHS H341).	
METHANESULFINIC ACID, HYDROXY-, MONOSODIUM SALT	Sodium hydroxymethanesulphinate	149440	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
METHANESULFON-M-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)-	Amsacrine	51264143	California Proposition 65 listed for cancer	
METHANESULFON-M-ANISIDIDE, 4'-(9-ACRIDINYLAMINO)-	Amsacrine	51264143	Possibly carcinogenic to humans' IARC (Category 2B, Volume 76 2000)	
METHANESULFONAMIDE, N-METHYL-	MMSA; Nmethylmethanesulfonamide; sulfonamide derivative; ; MMSA; MMSA; NMETHYLMETHANESULFONAMIDE TECHN.	1184856	Classified as 'may cause cancer' (GHS H350).	
METHANESULFONIC ACID, ETHYL ESTER	Ethyl methanesulfonate	62500	California Proposition 65 listed for cancer	
METHANESULFONIC ACID, ETHYL ESTER	Ethyl methanesulfonate	62500	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
METHANESULFONIC ACID, ETHYL ESTER	Ethylmethanesulfonate	62500	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
METHANESULFONIC ACID, ETHYL ESTER	Ethylmethanesulfonate	62500	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
METHANESULFONIC ACID, METHYL ESTER	Methyl methanesulfonate	66273	California Proposition 65 listed for cancer	
METHANESULFONIC ACID, METHYL ESTER	Methyl methanesulfonate	66273	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
METHANESULFONIC ACID, METHYL ESTER	Methyl methanesulfonate	66273	Probably carcinogenic to humans' IARC (Category 2A, Volume 7, Sup 7, 71 1999)	
METHANESULFONIC ACID, METHYL ESTER	Methyl methanesulfonate	66273	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
METHANESULFONIC ACID, SILVER(1+) SALT	Silver methanesulphonate	2386529	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFONIC ACID, TRIFLUORO-	Trifluoromethanesulphonic acid	1493136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFONIC ACID, TRIFLUORO-, 2,2,2-TRIFLUOROETHYL ESTER	2,2,2trifluoroethyl trifluoromethanesulfonate	6226251	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFONIC ACID, TRIFLUORO-, 2,2,2-TRIFLUOROETHYL ESTER	2,2,2trifluoroethyl trifluoromethanesulfonate	6226251	Classified as 'fatal if inhaled' (GHS H330).	
METHANESULFONIC ACID, TRIFLUORO-, ANHYDRIDE	Trifluoromethanesulphonic anhydride	358236	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFONYL CHLORIDE	Methanesulphonyl chloride	124630	Classified as 'toxic in contact with skin' (GHS H311).	
METHANESULFONYL CHLORIDE	Methanesulphonyl chloride	124630	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHANESULFONYL CHLORIDE	Methanesulphonyl chloride	124630	Classified as 'fatal if inhaled' (GHS H330).	
METHANETHIOIC ACID, TRITHIOBIS-, O,O'-BIS(1-METHYLETHYL)ESTER, MIXT. WITH	A mixture of: O,Odi(1methylene)l)trithiobisthioformate; O,Odi(1methylene)l)tetrathiothioformate; O,Odi(1methylene)l)pentathiothioformate	137398540	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHANOL	methanol	67561	California Proposition 65 listed for developmental	
METHANOL	methanol	67561	This ingredient is a known human nervous system toxicant.	
METHANOL, ((4,6-BIS(DIMETHYLAMINO)-S-TRIAZIN-2-YL)METHYLAMINO)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
METHANOL, ((6-(2-(5-NITRO-2-FURYL)VINYL)-AS-TRIAZIN-3-YL)IMINO)DI-	Panfuran S	794934	California Proposition 65 listed for cancer	
METHANOL, ((6-(2-(5-NITRO-2-FURYL)VINYL)-AS-TRIAZIN-3-YL)IMINO)DI-	Panfuran S (containing dihydroxymethylfurazirine)	794934	Possibly carcinogenic to humans' IARC (Category 2B, Volume 24, Sup 7 1987)	
METHANOL, ((S-TRIAZINE-2,4,6-TRIYL)TRIMETHYLTRINITRIL)TRI-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
METHANOL, (METHYL-ONN-AZOXY)-	Methylazoxymethanol	590965	California Proposition 65 listed for cancer	
METHANOL, (S-TRIAZINE-2,4,6-TRIYLTRIMINO)TRI-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
METHANOL, (S-TRIAZINE-2,4,6-TRIYLTRINITRIL)HEXA-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
METHANOL, TRIS(P-(DIMETHYLAMINO)PHENYL)-	4 [[4,4'bis(dimethylamino)benzhydrylidene]cyclohexa2,5dien1ylidene]dimethyl lammonium chloride [1]; tris[4(dimethylamino) phenyl]methanol [2]	548629; 467630	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
METHACRYLIC ACID, 2-ISOCYANATOETHYL ESTER	2isocyanatoethyl methacrylate	30674807	Classified as 'toxic in contact with skin' (GHS H311).	
METHACRYLIC ACID, 2-ISOCYANATOETHYL ESTER	2isocyanatoethyl methacrylate	30674807	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHACRYLIC ACID, 2-ISOCYANATOETHYL ESTER	2isocyanatoethyl methacrylate	30674807	Classified as 'fatal if inhaled' (GHS H330).	
METHACRYLIC ACID, 2-ISOCYANATOETHYL ESTER	2isocyanatoethyl methacrylate	30674807	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
METHENAMINE	Methenamine	100970	This ingredient forms formaldehyde which causes allergic skin reactions.	
METHOXYACETIC ACID	methoxyacetic acid	625456	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHOXYACETIC ACID	methoxyacetic acid	625456	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHOXYCYCLODECANE	Methoxycyclododecane	2986541	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHOXYDIGLYCOL	2(2methoxyethoxy)ethanol	111773	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
METHOXYDIGLYCOL	Methoxydiglycol	111773	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
METHOXYDIGLYCOL	Methoxydiglycol	111773	EWG F scoring ingredient under any condition of use.	
METHOXYETHANOL ACETATE	2 Methoxyethanol and its acetate (2Methoxyethyl acetate)	109864; 110496	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHOXYETHANOL ACETATE	Ethylene glycol monomethyl ether acetate	110496	California Proposition 65 listed for developmental, male	
METHOXYETHANOL ACETATE	Ethylene glycol monomethyl ether and its acetate	109864; 110496	Prohibited by the International Fragrance Association for use in fragrance.	
METHOXYETHANOL ACETATE	Methoxyethanol acetate	110496	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
METHOXYETHANOL ACETATE	Methoxyethanol acetate	110496	EWG F scoring ingredient under any condition of use.	
METHOXPOLYOXYMETHYLENE MELAMINE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
METHYL (R)-2-(4-(3-CHLORO-5-TRIFLUOROMETHYL-2-PYRIDYLOXY)PHENOXY)PROPIONATE	methyl (R)2(4(3chloro5trifluoromethyl2pyridyloxy)phenoxy)propionate	72619320	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL 2-(3-(4-METHOXY-6-METHYL-1,3,5-TRIAZIN-2-YL)3-METHYLUREIDOSULPHONYL)BENZOATE	Methyl 2(N(4methoxy6methyl1,3,5triazin2yl)Nmethylocarbamoylsulfamoyl)benzoate	101200480	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL 2-(3-NITROBENZYLIDENE)ACETOACETATE	methyl 2(3nitrobenzylidene)acetoacetate	39562179	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)PROPIONATE	Diclofop methyl	51338273	California Proposition 65 listed for developmental	
METHYL 2-(4-(2,4-DICHLOROPHENOXY)PHENOXY)PROPIONATE	Diclofopmethyl	51338273	California Proposition 65 listed for cancer	
METHYL 3-(ACETYLTHIO)-2-METHYL-PROPANOATE	Methyl 3(acetylthio)2methylpropanoate	97101467	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL 3-(((DIBUTYLAMINO)THIOXOMETHYL)THIO)PROPANOATE	methyl 3(((dibutylamino)thioxomethyl)thio)propanoate	32750893	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL 3-ISOCYANATOSULFONYL-2-THIOPHENE-CARBOXYLATE	Methyl 3isocyanatosulfonyl2thiophenecarboxylate	79277182	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
METHYL 3-ISOCYANATOSULFONYL-2-THIOPHENE-CARBOXYLATE	Methyl 3isocyanatosulfonyl2thiophenecarboxylate	79277182	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYL 4-BROMOMETHYL-3-METHOXYBENZOATE	methyl 4bromomethyl3methoxybenzoate	70264947	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Methyl abietate, technical	METHYL ABIETATE	127253	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
METHYL ACETAMIDE	N Methylacetamide	79163	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHYL ACETATE	methyl acetate	79209	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYL ACRYLATE	Methyl acrylate	96333	Classified as 'toxic if inhaled' (GHS H331).	
METHYL ACRYLATE	Methyl acrylate	96333	Possibly carcinogenic to humans' IARC (Category 2B, Volume 39, Sup 7, 71, 122 In prep.)	
METHYL ACRYLATE	Methyl acrylate	96333	Listed as an IARC Group 2B Carcinogen	
METHYL ACRYLATE	METHYL ACRYLATE	96333	California Proposition 65 listed for cancer	
Methyl bis-2-hydroxyethyl ammonium methyl sulfate (C14-18)	Methyl Bis2Hydroxyethyl Ammonium Methyl Sulfate (c1418)	70914099	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
METHYL CHLOROACETATE	methyl chloroacetate	96344	Classified as 'fatal in contact with skin' (GHS H310).	
METHYL CHLOROACETATE	methyl chloroacetate	96344	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYL CHLOROACETATE	methyl chloroacetate	96344	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
METHYL CHLOROACETATE	methyl chloroacetate	96344	Classified as 'toxic if inhaled' (GHS H331).	
METHYL CHLOROFORMATE	methyl chloroformate	79221	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYL CHLOROFORMATE	methyl chloroformate	79221	Classified as 'fatal if inhaled' (GHS H330).	
METHYL ETHYL KETONE	Butanone	78933	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYL EUGENOL	4allylveratrole	93152	Classified as 'suspected of causing genetic defects' (GHS H341).	
METHYL EUGENOL	4allylveratrole	93152	Classified as 'suspected of causing cancer' (GHS H351).	
METHYL EUGENOL	Methyleugenol	93152	California Proposition 65 listed for cancer	
METHYL EUGENOL	Methyleugenol	93152	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
METHYL EUGENOL	Methyleugenol	93152	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
METHYL EUGENOL	Methyleugenol	93152	Listed as an IARC Group 2B Carcinogen	
METHYL EUGENOL	Methyleugenol	93152	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
methyl eugenol	methyl eugenol	93-15-2	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
METHYL FORMATE	methyl formate	107313	Classified as 'toxic in contact with skin' (GHS H311).	
METHYL FORMATE	methyl formate	107313	Classified as 'toxic if inhaled' (GHS H331).	
METHYL IODIDE	Iodomethane (Methyl iodide)	74884	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHYL IODIDE	Methyl iodide	74884	California Proposition 65 listed for cancer	
METHYL ISOCYANATE	methyl isocyanate	624839	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHYL ISOCYANATE	Methyl isocyanate (MIC)	624839	California Proposition 65 listed for developmental, female	
METHYL ISOPROPYL KETONE	3methylbutanone	563804	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYL ISOTHIOCYANATE	methyl isothiocyanate	556616	Classified as 'fatal in contact with skin' (GHS H310).	
METHYL ISOTHIOCYANATE	methyl isothiocyanate	556616	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYL ISOTHIOCYANATE	methyl isothiocyanate	556616	Classified as 'fatal if inhaled' (GHS H330).	
METHYL ISOTHIOCYANATE	methyl isothiocyanate	556616	Classified as 'toxic if inhaled' (GHS H331).	
METHYL ISOTHIOCYANATE	methyl isothiocyanate	556616	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYL METHACRYLATE	Methyl Methacrylate	80626	Prohibited by the International Fragrance Association for use in fragrance.	
METHYL METHACRYLATE	Methyl Methacrylate	80626	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
METHYL METHACRYLATE	Methyl methacrylate monomer	80626	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
METHYL METHACRYLATE	Methyl Methacrylate	80626	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
methyl N-(isopropoxycarbonyl)-L-valyl-(3RS)-3-(4-chlorophenyl)-β-alaninate	valifenalate	283159-90-0	This ingredient is banned the European Union	X
METHYL OCTINE CARBONATE	METHYL OCTINE CARBONATE	111808	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in household cleaning products.	
METHYL PERFLUOROBUTYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
METHYL PYRROLIDONE	1methylpyrrolidine	120945	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYL PYRROLIDONE	NMethylpyrrolidone	872504	California Proposition 65 listed for developmental	
METHYL ROSINATE	METHYL ABIETATE	127253	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
METHYL SULFIDE, COMPD. WITH BORANE (1:1)	Dimethyl sulphideborane	13292870	Classified as 'may damage fertility or the unborn child' (GHS H360).	
METHYL SULFIDE, COMPD. WITH BORANE (1:1)	Dimethyl sulphideborane	13292870	Classified as 'toxic in contact with skin' (GHS H311).	
METHYL THIOLGOLATE	Methyl mercaptoacetate	2365482	Classified as 'toxic if inhaled' (GHS H331).	
METHYL-ONN-AZOXYMETHYL ACETATE	(Methyl ONNazoxy)methyl acetate	592621	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
METHYL-ONN-AZOXYMETHYL ACETATE	Methylazoxymethanol acetate	592621	California Proposition 65 listed for cancer	
METHYL-ONN-AZOXYMETHYL ACETATE	Methylazoxymethanol acetate	592621	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
METHYLAL	2Methoxyethanol	109864; 109875	Classified as 'toxic if inhaled' (GHS H331).	
METHYLAL	2Methoxyethanol	109864; 109875	Classified as 'may damage fertility or the unborn child' (GHS H360).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
METHYLAL	Dimethoxymethane	109875	Classified as 'fatal in contact with skin' (GHS H310).	
METHYLAMINE, M-PHENYLENEBIS-	mphenylenebis(methylamine)	1477550	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYLAMINE, M-PHENYLENEBIS-	mphenylenebis(methylamine)	1477550	Classified as 'fatal if inhaled' (GHS H330).	
METHYLAMINE, M-PHENYLENEBIS-	mphenylenebis(methylamine)	1477550	Classified as 'toxic if inhaled' (GHS H331).	
METHYLAMINE, P-PHENYLENEBIS-	pphenylenebis(methylamine)	539480	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYLANISOLE, P-	4methylanisole	104938	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
METHYLBUTENES	2methylbut2ene	513359	Classified as 'suspected of causing genetic defects' (GHS H341).	
METHYLBUTENES	2methylbut2ene	513359	Classified as 'may cause cancer' (GHS H350).	
METHYLBUTENES	2methylbut2ene	513359	Classified as 'suspected of causing cancer' (GHS H351).	
METHYLBUTENES	2methylbut2ene	513359	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYLCHLOROISOTHIAZOLINONE	Methylchloroisothiazolinone	26172554	Isothiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
METHYLCYCLOHEXANE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	108872	Classified as 'may cause genetic defects' (GHS H340).	
METHYLCYCLOHEXANE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	108872	Classified as 'may cause cancer' (GHS H350).	
METHYLCYCLOHEXANE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	108872	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
METHYLCYCLOHEXANE	1,2,3triethylbenzene; 1methylcyclopent1ene; benzene; cyclopentene; methylcyclohexane	108872	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYLCYCLOHEXANE	methylcyclohexane	108872	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
METHYLCYCLOHEXANE	methylcyclohexane	108872	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYLCYCLOHEXENYLPROPYL-CYCLOPENTANONE	2(2(4methyl3cyclohexen1yl)propyl)cyclopentanone	95962144	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYLDIBROMO GLUTARONITRILE	Methyldibromo Glutaronitrile	35691657	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
METHYLENE DI-T-BUTYLCRESOL	6,6'ditertbutyl2,2'methylenedipresol	119471	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
methylene di-t-butylcresol	methylene di-t-butylcresol	119-47-1	These ingredients are classified as carcinogenic, mutagenic, or as reproductive toxicants	X
METHYLETHANOLAMINE	2methylaminoethanol	109831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYLHEPTADIENONE	6Methyl3,5heptadien2one (methyl heptadienone)	1604280	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in household cleaning products.	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'fatal in contact with skin' (GHS H310).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'toxic in contact with skin' (GHS H311).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'fatal if inhaled' (GHS H330).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'toxic if inhaled' (GHS H331).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682204	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
METHYLISOTHIAZOLINONE	methylisothiazolinone	2682204	Isothiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
METHYLVALERIC ACID	2METHYLVALERIC ACID	97610	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
METRIBUZIN	Metribuzin	21087649	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
MIBK	Methyl isobutyl ketone	108101	California Proposition 65 listed for cancer	
MIBK	Methyl isobutyl ketone	108101	Possibly carcinogenic to humans' IARC (Category 2B, Volume 101 2013)	
MIBK	Methyl isobutyl ketone (MIBK)	108101	California Proposition 65 listed for developmental	
MIBK	Methyl isobutyl ketone	108101	Listed as an IARC Group 2B Carcinogen	
MIBK	Methyl isobutyl ketone (MIBK)	108101	California Prop65 Chemical (developmental)	
MICONAZOLE NITRATE	MICONAZOLE NITRATE	22832877	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MIDORI401	Trisodium tris[5,6 dihydro5(hydroxyimino)6oxonaphthalene2sulphonate(2)N5,O6]ferrate(3); (Acid Green 1; CI 10020) when used as a substance in hair dye products	19381501	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MILLERITE	Nickel (II) sulfide [1]; nickel sulfide [2]; millerite[3]	16812547; 11113750; 1314041	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM CONDENSATES, VACUUM TOWER	Condensates (petroleum), vacuum tower	64741497	Classified as 'suspected of causing cancer' (GHS H351).	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY NAPHTENIC (MILD OR NOSOLVENT-	Naphthenic oils (petroleum), catalytic dewaxed heavy, if they contain > 3 % w/w DMSO extract	64742683	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	Paraffin oils (petroleum), catalytic dewaxed heavy, if they contain > 3 % w/w DMSO extract	64742707	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	Naphthenic oils (petroleum), catalytic dewaxed light, if they contain > 3 % w/w DMSO extract	64742694	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	Paraffin oils (petroleum), catalytic dewaxed light	64742718	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	Paraffin oils (petroleum), catalytic dewaxed light, if they contain > 3 % w/w DMSO extract	64742718	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC (MILD OR NO SOLVENT-	Distillates (petroleum), acid treated heavy naphthenic	64742183	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, ACID-TREATED HEAVY PARAFFINIC (MILD OR NO SOLVENT-	Distillates (petroleum), acid treated heavy paraffinic	64742207	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, ACID-TREATED LIGHT NAPHTHENIC (MILD OR NO SOLVENT-	Distillates (petroleum), acid treated light naphthenic	64742194	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, ACID-TREATED LIGHT PARAFFINIC (MILD OR NO SOLVENT-	Distillates (petroleum), acid treated light paraffinic	64742218	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HEAVY NAPHTHENIC	Distillates (petroleum), heavy naphthenic	64741533	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HEAVY NAPHTHENIC	Distillates (petroleum), heavy naphthenic	64741533	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HEAVY PARAFFINIC	Distillates (petroleum), heavy paraffinic	64741511	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HEAVY PARAFFINIC	Distillates (petroleum), heavy paraffinic	64741511	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HEAVY PARAFFINIC	Distillates (petroleum), heavy paraffinic	64741511	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	Distillates (petroleum), hydrotreated heavy naphthenic	64742525	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	Distillates (petroleum), hydrotreated heavy naphthenic	64742525	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	Distillates (petroleum), hydrotreated heavy naphthenic, if they contain > 3% w/w DMSO extract	64742525	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), hydrotreated heavy paraffinic	64742547	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), hydrotreated heavy paraffinic	64742547	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), hydrotreated heavy paraffinic, if they contain > 3 % w/w DMSO extract	64742547	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	Distillates (petroleum), hydrotreated light naphthenic	64742536	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	Distillates (petroleum), hydrotreated light naphthenic	64742536	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	Distillates (petroleum), hydrotreated light naphthenic, if they contain > 3 % w/w DMSO extract	64742536	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), hydrotreated light paraffinic	64742558	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), hydrotreated light paraffinic	64742558	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), hydrotreated light paraffinic, if they contain > 3 % w/w DMSO extract	64742558	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, LIGHT NAPHTHENIC	Distillates (petroleum), light naphthenic	64741522	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, LIGHT NAPHTHENIC	Distillates (petroleum), light naphthenic	64741522	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, LIGHT PARAFFINIC	Distillates (petroleum), light paraffinic	64741500	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, LIGHT PARAFFINIC	Distillates (petroleum), light paraffinic	64741500	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MINERAL OIL, PETROLEUM DISTILLATES, LIGHT PARAFFINIC	Distillates (petroleum), light paraffinic	64741500	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY NAPHTHENIC (MILD OR NOSOLVENT-	Distillates (petroleum), solvent dewaxed heavy naphthenic, if they contain > 3 % w/w DMSO extract	64742638	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solvent dewaxed heavy paraffinic, if they contain > 3 % w/w DMSO extract	64742650	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solventdewaxed heavy paraffinic	64742650	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solventdewaxed heavy paraffinic	64742650	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	Distillates (petroleum), solvent dewaxed light naphthenic, if they contain > 3 % w/w DMSO extract	64742649	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solvent dewaxed light paraffinic, if they contain > 3 % w/w DMSO extract	64742569	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solventdewaxed light paraffinic	64742569	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	Distillates (petroleum), solventdewaxed light paraffinic	64742569	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) HEAVY NAPHTHENIC	Distillates (petroleum), solvent refined heavy naphthenic, if they contain > 3 % w/w DMSO extract	64741964	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), solvent refined heavy paraffinic, if they contain > 3 % w/w DMSO extract	64741884	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), solventrefined heavy paraffinic	64741884	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) HEAVY PARAFFINIC	Distillates (petroleum), solventrefined heavy paraffinic	64741884	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) LIGHT NAPHTHENIC	Distillates (petroleum), solvent refined light naphthenic, if they contain > 3 % w/w DMSO extract	64741975	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) LIGHT NAPHTHENIC	Distillates (petroleum), solventrefined light naphthenic	64741975	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), solvent refined light paraffinic, if they contain > 3% w/w DMSO extract	64741895	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), solventrefined light paraffinic	64741895	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT-REFINED (MILD) LIGHT PARAFFINIC	Distillates (petroleum), solventrefined light paraffinic	64741895	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT	Extracts (petroleum), heavy naphthenic distillate solvent	64742116	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY NAPHTHENIC DISTILLATE SOLVENT	Extracts (petroleum), heavy naphthenic distillate solvent	64742116	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), heavy paraffinic distillate solvent	64742047	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), heavy paraffinic distillate solvent	64742047	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM EXTRACTS, HEAVY PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), heavy paraffinic distillate solvent	64742047	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM EXTRACTS, LIGHT NAPHTHENIC DISTILLATE SOLVENT	Extracts (petroleum), light naphthenic distillate solvent	64742036	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM EXTRACTS, LIGHT PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), light paraffinic distillate solvent	64742058	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINERAL OIL, PETROLEUM EXTRACTS, LIGHT PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), light paraffinic distillate solvent	64742058	Classified as 'may cause cancer' (GHS H350).	
MINERAL OIL, PETROLEUM EXTRACTS, LIGHT PARAFFINIC DISTILLATE SOLVENT	Extracts (petroleum), light paraffinic distillate solvent	64742058	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MINERAL OIL, PETROLEUM EXTRACTS, RESIDUAL OIL SOLVENT	Extracts (petroleum), residual oil solvent	64742105	Classified as 'suspected of causing cancer' (GHS H351).	
MINERAL PIGMENTS	Mineral Pigments		EWG Verified doesn't allow products to use nonspecific ingredient names.	
MINERAL SPIRITS	LIGROINE	8032324	Classified as 'may cause cancer' (GHS H350).	
MINERAL SPIRITS	LIGROINE	8032324	Classified as 'may cause genetic defects' (GHS H340).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MINOXIDIL	6 (Piperidiny)2,4pyrimidinediamine3oxide (Minoxidil (INN)) and its salts	38304915	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MINOXIDIL	Minoxidil, its salts and derivatives	38304915	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MIPA-BORATE	MIPABORATE	68003134	EWG F scoring ingredient under any condition of use.	
MIPA-BORATE	MIPABORATE	68003134	Ethanolamines can cause asthma, and contain harmful impurities	
MITHRAMYCIN	Plicamycin	18378897	California Proposition 65 listed for developmental	
MIXED CRESOLS	Cresol	1319773	Classified as 'toxic in contact with skin' (GHS H311).	
MIXED CRESOLS	Cresol	1319773	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MIXED CRESOLS	Mixed cresols and derivatives	1319773	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MIXED LINEAR AND BRANCHED C14-15 ALCOHOLS ETHOXYLATED, REACTION PRODUCT WITH EPICHLOROHYDRIN	mixed linear and branched C1415 alcohols ethoxylated, reaction product with epichlorohydrin	158570991	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MOLINATE	Molinate	2212671	California Proposition 65 listed for developmental, female, male	
MOLINATE	Molinate (ISO)	2212671	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MOLYBDENUM	Molybdenum	7439987	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MOLYBDENUM TRIOXIDE	molybdenum trioxide	1313275	Classified as 'suspected of causing cancer' (GHS H351).	
MOLYBDENUM TRIOXIDE	molybdenum trioxide	1313275	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
MOLYBDENUM TRIOXIDE	molybdenum trioxide	1313275	Possibly carcinogenic to humans' IARC (Category 2B, Volume 118 2018 online)	
MOLYBDENUM TRIOXIDE	molybdenum trioxide	1313275	Listed as an IARC Group 2B Carcinogen	
MOLYBDENUM TRIOXIDE	MOLYBDENUM TRIOXIDE	1313275	California Proposition 65 listed for cancer	
MOLYBDIC ACID, COBALT(2+) SALT (1:1)	Cobalt molybdate	13762146	Classified as 'suspected of causing genetic defects' (GHS H341).	
MOLYBDIC ACID, COBALT(2+) SALT (1:1)	Cobalt molybdate	13762146	Classified as 'may cause cancer' (GHS H350).	
MOLYBDIC ACID, COBALT(2+) SALT (1:1)	Cobalt molybdate	13762146	Classified as 'may damage fertility or the unborn child' (GHS H360).	
MOLYBDIC ACID, COBALT(2+) SALT (1:1)	Cobalt molybdate	13762146	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MOLYBDIC ACID, COBALT(2+) SALT (1:1)	Cobalt molybdate	13762146	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MONOCROTALINE	Monocrotaline	315220	California Proposition 65 listed for cancer	
MONOCROTALINE	Monocrotaline	315220	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
MONOCROTOPHOS	Monocrotophos	6923224	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
monoethanolamine citrate	monoethanolamine citrate	17863386	Ethanolamines can cause asthma, and contain harmful impurities	
MONURON	Monuron	150685	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MONURON	Monuron	150685	Classified as 'suspected of causing cancer' (GHS H351).	
MONURON	Monuron	150685	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MORPHINAN-3-OL, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-6-METHOXY-17-METHYL-	(5_6,7,8,14tetrahydro4,5epoxy6methoxy17methylmorphinan3ol	467049	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MORPHINAN-3-OL, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-6-METHOXY-17-METHYL-	(5_6,7,8,14tetrahydro4,5epoxy6methoxy17methylmorphinan3ol	467049	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHINAN-3-OL, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-6-METHOXY-17-METHYL-	(5_6,7,8,14tetrahydro4,5epoxy6methoxy17methylmorphinan3ol	467049	Classified as 'toxic if inhaled' (GHS H331).	
MORPHINAN-3-OL, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-6-METHOXY-17-METHYL-	(5_6,7,8,14tetrahydro4,5epoxy6methoxy17methylmorphinan3ol	467049	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-3,6-ALPHA-DIOL, 17-ALLYL-7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-	Nalorphine (INN), its salts and ethers	62679	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MORPHINAN-3,6-ALPHA-DIOL, 17-ALLYL-7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-	Nalorphine, its salts and ethers	62679	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MORPHINAN-3,6-ALPHA-DIOL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-17-METHYL-	Morphine	57272	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHINAN-3,6-ALPHA-DIOL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-17-METHYL-, DIACETATE (ESTER)	O,O'diacetylmorphine	561273	Classified as 'fatal in contact with skin' (GHS H310).	
MORPHINAN-3,6-ALPHA-DIOL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-17-METHYL-, DIACETATE (ESTER)	O,O'diacetylmorphine	561273	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MORPHINAN-3,6-ALPHA-DIOL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-17-METHYL-, DIACETATE (ESTER)	O,O'diacetylmorphine	561273	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-3,6-ALPHA-DIOL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-17-METHYL-, DIACETATE (ESTER)	Diacetyl morphine	561273	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHINAN-3,6-ALPHA,14-TRIOL, 17-(CYCLOBUTYLMETHYL)-4,5-ALPHA-EPOXY-, HYDROCHLORIDE	(5_6_17)(cyclobutylmethyl)4,5epoxymorphinan3,6,14triol hydrochloride	23277432	Classified as 'may cause harm to breastfed children' (GHS H362).	
MORPHINAN-3,6-ALPHA,14-TRIOL, 17-(CYCLOBUTYLMETHYL)-4,5-ALPHA-EPOXY-, HYDROCHLORIDE	(5_6_17)(cyclobutylmethyl)4,5epoxymorphinan3,6,14triol hydrochloride	23277432	Classified as 'fatal in contact with skin' (GHS H310).	
MORPHINAN-3,6-ALPHA,14-TRIOL, 17-(CYCLOBUTYLMETHYL)-4,5-ALPHA-EPOXY-, HYDROCHLORIDE	(5_6_17)(cyclobutylmethyl)4,5epoxymorphinan3,6,14triol hydrochloride	23277432	Classified as 'fatal if inhaled' (GHS H330).	
MORPHINAN-3,6-ALPHA,14-TRIOL, 17-(CYCLOBUTYLMETHYL)-4,5-ALPHA-EPOXY-, HYDROCHLORIDE	(5_6_17)(cyclobutylmethyl)4,5epoxymorphinan3,6,14triol hydrochloride	23277432	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-3,6-ALPHA,14-TRIOL, 17-(CYCLOBUTYLMETHYL)-4,5-ALPHA-EPOXY-, HYDROCHLORIDE	(5_6_17)(cyclobutylmethyl)4,5epoxymorphinan3,6,14triol hydrochloride	23277432	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
MORPHINAN-6-ALPHA-OL, 4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-	Dihydrocodeine	125280	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHINAN-6-ALPHA-OL, 4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-	Dihydrocodeine	125280	Classified as 'toxic if inhaled' (GHS H331).	
MORPHINAN-6-ALPHA-OL, 4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-	Dihydrocodeine	125280	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-	Codeine	76573	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, HYDROBROMIDE	Codeine hydrobromide	125257	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, HYDROBROMIDE	Codeine hydrobromide	125257	Classified as 'may cause harm to breastfed children' (GHS H362).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, HYDROBROMIDE	Codeine hydrobromide	125257	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, HYDROBROMIDE	Codeine hydrobromide	125257	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, PHOSPHATE (1:1)	Codeine phosphate	52288	California Proposition 65 listed for developmental	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, SULFATE (2:1)(SALT)	Codeine sulphate	1420537	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, SULFATE (2:1)(SALT)	Codeine sulphate	1420537	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-6-ALPHA-OL, 7,8-DIDEHYDRO-4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-, SULFATE (2:1)(SALT)	Codeine sulphate	1420537	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
MORPHINAN-6-ONE, 17-(CYCLOPROPYLEMETHYL)-4,5-ALPHA-EPOXY-3,14-DIHYDROXY-	Naltrexone	16590413	Classified as 'suspected of causing genetic defects' (GHS H341).	
MORPHINAN-6-ONE, 17-(CYCLOPROPYLEMETHYL)-4,5-ALPHA-EPOXY-3,14-DIHYDROXY-	Naltrexone	16590413	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
MORPHINAN-6-ONE, 4,5-ALPHA-EPOXY-14-HYDROXY-3-METHOXY-17-METHYL-	Oxycodone	76426	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHINAN-6-ONE, 4,5-ALPHA-EPOXY-3-HYDROXY-17-METHYL-	Hydromorphone	466999	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MORPHINAN-6-ONE, 4,5-ALPHA-EPOXY-3-HYDROXY-17-METHYL-	Hydromorphone	466999	Classified as 'toxic if inhaled' (GHS H331).	
MORPHINAN-6-ONE, 4,5-ALPHA-EPOXY-3-METHOXY-17-METHYL-	Hydrocodone	125291	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHINAN, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-3,6-DIMETHOXY-17-METHYL-	Thebaine	115377	Classified as 'fatal in contact with skin' (GHS H310).	
MORPHINAN, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-3,6-DIMETHOXY-17-METHYL-	Thebaine	115377	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHINAN, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-3,6-DIMETHOXY-17-METHYL-	Thebaine	115377	Classified as 'fatal if inhaled' (GHS H330).	
MORPHINAN, 6,7,8,14-TETRADEHYDRO-4,5-ALPHA-EPOXY-3,6-DIMETHOXY-17-METHYL-	Thebaine	115377	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
MORPHOLINE	morpholine	110918	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHOLINE	morpholine	110918	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE	morpholine	110918	Classified as 'toxic if inhaled' (GHS H331).	
MORPHOLINE	Morpholine and its salts	110918	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MORPHOLINE	Morpholine and its salts	110918	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MORPHOLINE-4-CARBONYL CHLORIDE	Morpholine 4carbonyl chloride	15159407	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MORPHOLINE, 2,6-DIMETHYL-	2,6Dimethylmorpholine	141913; 6485558	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHOLINE, 2,6-DIMETHYL-	2,6Dimethylmorpholine	141913; 6485558	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE, 2,6-DIMETHYL-N-NITROSO-	2,6DimethylNnitrosomorpholine (DMNM)	1456286	California Proposition 65 listed for cancer	
MORPHOLINE, 2,6-DIMETHYL-N-NITROSO-	2,6DimethylNnitrosomorpholine (DMNM)	1456286	California Prop65 Chemical (cancer)	
MORPHOLINE, 3-METHYL-2-PHENYL-	Phenmetrazine (INN), its derivatives and salts	134496	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MORPHOLINE, 3-METHYL-2-PHENYL-	Phenmetrazine, its derivatives and salts	134496	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MORPHOLINE, 4-(MORPHOLINOTHIOCARBONYL)THIO-	4[(morpholiniothio)thioxomethyl]morpholine	13752517	Classified as 'may cause cancer' (GHS H350).	
MORPHOLINE, 4-(2-CHLOROETHYL)-, HYDROCHLORIDE	4(2chloroethyl)morpholinium chloride	3647696	Classified as 'suspected of causing genetic defects' (GHS H341).	
MORPHOLINE, 4-(2-CHLOROETHYL)-, HYDROCHLORIDE	4(2chloroethyl)morpholinium chloride	3647696	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE, 4-(3-(P-BUTOXYPHENOXY)PROPYL)-	Pramocaine	140658	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MORPHOLINE, 4-(3-(P-BUTOXYPHENOXY)PROPYL)-	Pramocaine (INN)	140658	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MORPHOLINE, 4-(3-CHLOROPROPYL)-	4(3chloropropyl)morpholine	7357677	Classified as 'suspected of causing genetic defects' (GHS H341).	
MORPHOLINE, 4-ACETYL-	4acetylmorpholine	1696204	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
MORPHOLINE, 4-AMINOPROPYL-	3morpholinopropylamine	123002	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE, 4-ETHYL-	4ethylmorpholine	100743	Classified as 'toxic in contact with skin' (GHS H311).	
MORPHOLINE, 4-ETHYL-	4ethylmorpholine	100743	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE, 4-METHYL-	4Methylmorpholine	109024	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MORPHOLINE, 4-METHYL-	4Methylmorpholine	109024	Classified as 'toxic if inhaled' (GHS H331).	
MORPHOLINE, N-NITROSO-	<N</N>Nitrosomorpholine	59892	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
MORPHOLINE, N-NITROSO-	NNitrosomorpholine	59892	California Proposition 65 listed for cancer	
MORPHOLINE, N-NITROSO-	NNitrosomorpholine (see NNitrosamines: 15 listings)	59892	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
MORPHOLINE, N-NITROSO-	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MORPHOLINE, N-NITROSO-	NNitrosomorpholine	59892	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
MOSKENE	1,1,3,3,5 Pentamethyl4,6dinitroindane (Moskene)	116665	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MOSKENE	Moskene (1,1,3,3,5Pentamethyl4,6dinitroindane)	116665	Prohibited by the International Fragrance Association for use in fragrance.	
MUSK	Musks	80010405	EWG Verified doesn't allow products to use nonspecific ingredient names.	
MUSK AMBRETTE	4 tert.Butyl3methoxy2,6dinitrotoluene (Musk ambrette)	83669	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MUSK AMBRETTE	Musk ambrette	83669	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
MUSK AMBRETTE	Musk ambrette	83669	Prohibited by the International Fragrance Association for use in fragrance.	
MUSK KETONE	4'tertbutyl2',6'dimethyl3',5'dinitroacetophenone	81141	Classified as 'suspected of causing cancer' (GHS H351).	
MUSK KETONE	4'tertbutyl2',6'dimethyl3',5'dinitroacetophenone	81141	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MUSK KETONE	Musk ketone	81141	Synthetic musk fragrances contaminate the environment and are detected in humans.	
MUSK XYLENE	Musk xylene	81152	Prohibited by the International Fragrance Association for use in fragrance.	
MUSTARD GAS	Mustard Gas	505602	California Proposition 65 listed for cancer	
MUSTARD GAS	Mustard Gas	505602	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
MUSTARD GAS	Mustard gas (see Sulfur mustard)	505602	Carcinogenic to humans' IARC (Category 1, Volume 9, Sup 7, 100F 2012)	
MUSTARD GAS	Sulfur mustard	505602	Carcinogenic to humans' IARC (Category 1, Volume 9, Sup 7, 100F 2012)	
MUSTARD GAS	Mustard Gas	505602	Listed on the 14th Report on Carcinogens as a known carcinogen	
MYCLOBUTANIL	Myclobutanil	88671890	California Proposition 65 listed for developmental, male	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
MYCLOBUTANIL	Myclobutanil (ISO)2 (4chlorophenyl)2(1H1,2,4triazol1ylmethyl)hexanenitrile	88671890	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MYRCENE	βMyrcene	123353	Listed as an IARC Group 2B Carcinogen	
MYRCENE	BETAMYRCENE	123353	California Prop65 Chemical (cancer)	
MYRISTALKONIUM CHLORIDE	Miristalkonium chloride	139082	Classified as 'toxic in contact with skin' (GHS H311).	
MYRISTALKONIUM CHLORIDE	Miristalkonium chloride	139082	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MYRISTALKONIUM CHLORIDE	Miristalkonium chloride	139082	Classified as 'fatal if inhaled' (GHS H330).	
MYRISTALKONIUM CHLORIDE	Miristalkonium chloride	139082	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
MYRISTALKONIUM CHLORIDE	MYRISTALKONIUM CHLORIDE	139082	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
MYRISTALKONIUM SACCHARINATE	MYRISTALKONIUM SACCHARINATE	68989015	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
MYRISTALKONIUM SACCHARINATE	MYRISTALKONIUM SACCHARINATE	6898915	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
MYRISTAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	MYRISTAMIDOPROPYL PGDIMONIUM CHLORIDE PHOSPHATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
MYROXYLON PEREIRAE RESIN	Peru balsam (INCI name: Myroxylon pereirae), when used as a fragrance ingredient	8007009	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
MYROXYLON PEREIRAE RESIN	Peru balsam crude	8007009	Prohibited by the International Fragrance Association for use in fragrance.	
MYRTRIMONIUM BROMIDE	MYRTRIMONIUM BROMIDE	1119977	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
MYRTRIMONIUM BROMIDE	Tetradonium bromide	1119977	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
MYRTRIMONIUM BROMIDE	Tetradonium bromide	1119977	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-(1,1-DIMETHYLETHYL)BIS(2-BENZOTHAZOL-5-YL-METHYLENE)-4-METHYL-2,6-DIETHOXYBENZAMIDE	N(1,1dimethylethyl)bis(2benzothiazolesulfenyl)amide	3741808	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-(2-nitrophenyl)phosphoric triamide	N-(2-nitrophenyl)phosphoric triamide	874819-71-3	This ingredient is banned the European Union	X
N-[2,5-DICHLORO-4-(1,1,2,3,3,3-HEXAFLUOROPROPOXY)-PHENYL-AMINOCARBONYL]-2,6-DIFLUOROBENZAMIDE	N[2,5dichloro4(1,1,2,3,3,3hexafluoropropoxy)phenylaminocarbonyl]2,6difluorobenzamide	103055078	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-[3-(1-ETHYL-1-METHYLPROPYL)-1,2-OXAZOL-5-YL]-2,6-DIMETHOXYBENZAMIDE	Isoxaben	82558507	EPA IRIS 'possible carcinogen'.	
N-[3-(1-ETHYL-1-METHYLPROPYL)-1,2-OXAZOL-5-YL]-2,6-DIMETHOXYBENZAMIDE	N[3(1ethyl1methylpropyl)1,2oxazol5yl]2,6dimethoxybenzamide	82558507	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-[3-[[4-(DIETHYLAMINO)-2-METHYLPHENYL]IMINO]-6-OXO-1,4-CYCLOHEXADIENYL]ACETAMIDE	N[3[[4(diethylamino)2methylphenyl]imino]6oxo1,4cyclohexadienyl]acetamide	96141865	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-2-NAPHTHYLANILINE	N 2Naphthylaniline	135886	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N-2-NAPHTHYLANILINE	N2naphthylaniline	135886	Classified as 'suspected of causing cancer' (GHS H351).	
N-ACETYL-N-[5-CYANO-3-(2-DIBUTYLAMINO-4-PHENYLTHIAZOL-5-YL-METHYLENE)-4-METHYL-2,6-DIOXO-1,2,3,6-TETRAHYDOPYRIDIN-1-YL]BENZAMIDE	NacetylN[5cyano3(2dibutylamino4phenylthiazol5ylmethylene)4methyl2,6dioxo1,2,3,6tetrahydropyridin1yl]benzamide	147741933	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
n-Alkyl (C12 68%, C14 32%) Dimethyl Ethylbenzyl ammonium chloride	NAlkyl (c12 68%, C14 32%) Dimethyl Ethylbenzyl Ammonium Chloride		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
N-ANISAMIDE, 4-AMINO-5-CHLORO-N-(2-(DIETHYLAMINO)ETHYL)-	metoclopramide	364625	Classified as 'may cause harm to breastfed children' (GHS H362).	
N-BUTYL-2-(4-MORPHOLINYL-CARBONYL)BENZAMIDE	Nbutyl2(4morpholinylcarbonyl)benzamide	104958670	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
N-BUTYRONITRILE	Butyronitrile	109740	Classified as 'toxic in contact with skin' (GHS H311).	
N-BUTYRONITRILE	Butyronitrile	109740	Classified as 'toxic if inhaled' (GHS H331).	
N-CYCLOHEXYL-N-METHOXY-2,5-DIMETHYL-3-FURAMIDE	Furmecyclox	60568050	California Proposition 65 listed for cancer	
N-CYCLOHEXYL-N-METHOXY-2,5-DIMETHYL-3-FURAMIDE	Furmecyclox	60568050	EPA IRIS 'probable carcinogen'.	
N-CYCLOHEXYL-N-METHOXY-2,5-DIMETHYL-3-FURAMIDE	N CyclohexylNmethoxy2,5dimethyl3furamide (Furmecyclox ISO)	60568050	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N-CYCLOHEXYL-S,S-DIOXOBENZO[B]TIOPHENE-2-CARBOXAMIDE	NcyclohexylS,Sdioxobenzo[b]tiophene2carboxamide	149118661	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-CYCLOHEXYLBENZOTHAZOLE-2-SULPHENAMIDE	Ncyclohexylbenzothiazole2sulfenamamide	95330	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-CYCLOPENTYL-M-AMINOPHENOL	N Cyclopentylmaminophenol, when used as a substance in hair dye products	104903493	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N-DODECYL METHACRYLATE	dodecyl methacrylate	142905	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-ETHYL-N-NITROSO-ETHANAMINE	<-N</-Nitrosodiethylamine	55185	Probably carcinogenic to humans' IARC (Category 2A, Volume 17, Sup 7 1987)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
N-ETHYL-N-NITROSO-ETHANAMINE	NNitrosodiethylamine	55185	California Proposition 65 listed for cancer	
N-ETHYL-N-NITROSO-ETHANAMINE	NNitrosodiethylamine	55185	EPA IRIS 'probable carcinogen'.	
N-ETHYL-N-NITROSO-ETHANAMINE	NNitrosodiethylamine (see NNitrosamines: 15 listings)	55185	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
N-ETHYL-N-NITROSO-ETHANAMINE	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
N-ETHYL-N-NITROSO-ETHANAMINE	NNitrosodiethylamine	55185	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
N-ETHYLANILINE	Nethylaniline	103695	Classified as 'toxic in contact with skin' (GHS H311).	
N-ETHYLANILINE	Nethylaniline	103695	Classified as 'toxic if inhaled' (GHS H331).	
N-HEXYLLITHIUM	nhexyllithium	21369642	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
N-ISOPROPYL-N'-PHENYL-P-PHENYLENEDIAMINE	NisopropylN'phenylpphenylenediamine	101724	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
n-methyl perfluorooctane sulfonamide	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
N-methyl perfluorooctane sulfonamidoacetate	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
N-METHYL-3-NITRO-P-PHENYLENEDIAMINE	N Methyl3nitrophenylenediamine and its salts, when used as a substance in hair dye products	2973219	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N-METHYLANILINE	Nmethylaniline	100618	Classified as 'toxic in contact with skin' (GHS H311).	
N-METHYLANILINE	Nmethylaniline	100618	Classified as 'toxic if inhaled' (GHS H331).	
N-METHYLANILINE	Nmethylaniline	100618	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-METHYLFORMAMIDE	N Methylformamide	123397	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N-N-dimethyl perfluorooctane sulfonamide	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
N-PHENYL-P-PHENYLENEDIAMINE	N(4aminophenyl)aniline	101542	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N-PROPYL-N-[2-(2,4,6-TRICHLOROPHENOXY)ETHYL]-1H-IMIDAZOLE-1-CARBOXAMIDE; PROCHLORAZ	Prochloraz	67747095	EPA IRIS 'possible carcinogen'.	
N,N-BIS(2-ETHYLHEXYL)-(1,2,4-TRIAZOL-1-YL)METHYLAMINE	1(N,Nbis(2ethylhexyl)aminomethyl)1,2,4triazole	91273040	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
N,N-BIS(3-AMINOPROPYL)METHYLAMINE	N,Nbis(3aminopropyl)methylamine	105839	Classified as 'fatal in contact with skin' (GHS H310).	
N,N-BIS(3-AMINOPROPYL)METHYLAMINE	N,Nbis(3aminopropyl)methylamine	105839	Classified as 'toxic in contact with skin' (GHS H311).	
N,N-BIS(3-AMINOPROPYL)METHYLAMINE	N,Nbis(3aminopropyl)methylamine	105839	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
N,N-BIS(3-AMINOPROPYL)METHYLAMINE	N,Nbis(3aminopropyl)methylamine	105839	Classified as 'fatal if inhaled' (GHS H330).	
N,N-BIS(3-AMINOPROPYL)METHYLAMINE	N,Nbis(3aminopropyl)methylamine	105839	Classified as 'toxic if inhaled' (GHS H331).	
N,N-DIETHYL-M-AMINOPHENOL	N,N Diethylmaminophenol, when used as a substance in hair dye products	91689; 68239849	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIETHYL-M-AMINOPHENOL SULFATE	N,N Diethylmaminophenol, when used as a substance in hair dye products	91689; 68239849	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIETHYL-M-TOLUAMIDE	Diethyl toluamide	134623	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
N,N-DIETHYL-N,N'-DIMETHYLPROPAN-1,3-DIYL-DIAMINE	N,NdiethylN',N'dimethylpropan1,3diamine	62478824	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
N,N-DIETHYL-N,N'-DIMETHYLPROPAN-1,3-DIYL-DIAMINE	N,NdiethylN',N'dimethylpropan1,3diamine	62478824	Classified as 'toxic if inhaled' (GHS H331).	
N,N-DIETHYL-p-PHENYLENEDIAMINE	4aminoN,Ndiethylaniline	93050	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
N,N-DIETHYL-p-PHENYLENEDIAMINE	N,N Diethylpphenylenediamine and its salts, when used as a substance in hair dye products	93050; 6065276; 6283632	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIETHYL-P-PHENYLENEDIAMINE SULFATE	N,N Diethylpphenylenediamine and its salts, when used as a substance in hair dye products	93050; 6065276; 6283632	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIETHYLANILINE	N,Ndiethylaniline	91667	Classified as 'fatal in contact with skin' (GHS H310).	
N,N-DIETHYLANILINE	N,Ndiethylaniline	91667	Classified as 'toxic in contact with skin' (GHS H311).	
N,N-DIETHYLANILINE	N,Ndiethylaniline	91667	Classified as 'fatal if inhaled' (GHS H330).	
N,N-DIETHYLANILINE	N,Ndiethylaniline	91667	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
N,N-DIETHYLTOLUENE-2,5-DIAMINE HCL	4 Diethylaminotoluidine and its salts, when used as a substance in hair dye products	148710; 24828384; 2051798	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYL-P-PHENYLENEDIAMINE	N,N Dimethylpphenylenediamine and its salts, when used as a substance in hair dye products	99989; 6219734	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYL-P-PHENYLENEDIAMINE SULFATE	N,N Dimethylpphenylenediamine and its salts, when used as a substance in hair dye products	99989; 6219734	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLACETAMIDE	N,N Dimethylacetamide	127195	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLACETAMIDE	N,NDimethylacetamide [Click here for the basis for addition of male reproductive endpoint, effective December 20, 2013]	127195	California Proposition 65 listed for developmental, male	
N,N-DIMETHYLACETAMIDE	N,Ndimethylacetamide	127195	Listed as an IARC Group 2B Carcinogen	
N,N-DIMETHYLACETAMIDE	N,Ndimethylacetamide	127195	California Prop65 Chemical (cancer)	
N,N-DIMETHYLANILINE	N,N Dimethylaniline	121697	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLANILINE	N,Ndimethylaniline	121697	Classified as 'suspected of causing cancer' (GHS H351).	
N,N-DIMETHYLANILINE	N,Ndimethylaniline	121697	Classified as 'toxic in contact with skin' (GHS H311).	
N,N-DIMETHYLANILINE	N,Ndimethylaniline	121697	Classified as 'toxic if inhaled' (GHS H331).	
N,N-DIMETHYLANILINIUM TETRAKIS(PENTAFLUOROPHENYL)BORATE	N,N Dimethylanilinium tetrakis(pentafluorophenyl)borate	118612003	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLANILINIUM TETRAKIS(PENTAFLUOROPHENYL)BORATE	N,Ndimethylanilinium tetrakis(pentafluorophenyl)borate	118612003	Classified as 'suspected of causing cancer' (GHS H351).	
N,N-DIMETHYLFORMAMIDE	<i>N,N-Dimethylformamide</i>	68122	Probably carcinogenic to humans' IARC (Category 2A, Volume 47, 71, 115 2018 )	
N,N-DIMETHYLFORMAMIDE	Dimethylformamide	68122	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
N,N-DIMETHYLFORMAMIDE	Dimethylformamide (N,N Dimethylformamide)	68122	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLFORMAMIDE	N,NDIMETHYLFORMAMIDE	68122	California Proposition 65 listed for cancer	
N,N-DIMETHYLFORMAMIDE	N,NDIMETHYLFORMAMIDE	68122	Listed as an IARC Group 2A Carcinogen	
N,N-DIMETHYLFORMAMIDE	N,NDIMETHYLFORMAMIDE	68122	California Prop65 Chemical (cancer)	
N,N-DIMETHYLHYDRAZINE	1,1Dimethylhydrazine	57147	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
N,N-DIMETHYLHYDRAZINE	1,1Dimethylhydrazine	57147	Possibly carcinogenic to humans' IARC (Category 2B, Volume 4, Sup 7, 71 1999)	
N,N-DIMETHYLHYDRAZINE	1,1Dimethylhydrazine (UDMH)	57147	California Proposition 65 listed for cancer	
N,N-DIMETHYLHYDRAZINE	N,N Dimethylhydrazine	57147	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N-DIMETHYLHYDRAZINE	1,1Dimethylhydrazine	57147	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
N,N,N-TRIMETHYLANILINIUM CHLORIDE	N,N,Ntrimethylanilinium chloride	138249	Classified as 'toxic in contact with skin' (GHS H311).	
N,N,N,N'-TETRAGLYCIDYL-4,4'-DIAMINO-3,3'-DIETHYLDIPHENYLMETHANE	N,N,N,N' Tetraglycidyl4,4'diamino3,3'diethyldiphenylmethane	130728766	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N,N,N'-TETRAGLYCIDYL-4,4'-DIAMINO-3,3'-DIETHYLDIPHENYLMETHANE	N,N,N,N'tetraglycidyl4,4'diamino3,3'diethyldiphenylmethane	130728766	Classified as 'suspected of causing genetic defects' (GHS H341).	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	4,4'Methylene bis(N,Ndimethyl)benzenamine	101611	California Proposition 65 listed for cancer	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	4,4'Methylene bis(N,N'dimethyl)aniline	101611	EPA IRIS 'probable carcinogen'.	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	4,4'METHYLENEBIS(N,NDIMETHYL)BENZENAMINE	101611	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	Michler's base [4,4' methylenebis(<i>N,N-Dimethyl</i>-benzenamine)]	101611	Possibly carcinogenic to humans' IARC (Category 2B, Volume 27, Sup 7, 99 2010)	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	N,N,N,N' Tetramethyl4,4'methylenedianiline	101611	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N,N,N'-TETRAMETHYL-4,4'-METHYLENDIANILINE	4,4'METHYLENEBIS(N,NDIMETHYL)BENZENAMINE	101611	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
N,N,N,N'-TETRAMETHYLDITHIOBIS(ETHYLENE)DIAMINE DIHYDROCHLORIDE	Bis(2dimethylaminoethyl)disulfide dihydrochloride	17339605	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
N,N'-DIACETYL BENZIDINE	<i>N,N'-Diacetylbenzidine</i>	613354	Possibly carcinogenic to humans' IARC (Category 2B, Volume 16, Sup 7 1987)	
N,N'-DIACETYL BENZIDINE	N,N'diacetylbenzidine	613354	California Proposition 65 listed for cancer	
N,N'-DIHEXADECYL-N,N'-BIS(2-HYDROXYETHYL)PROPANEDIAMIDE	N,N' DihexadecylN,N'bis(2hydroxyethyl)propanediamide; Bishydroxyethyl Biscetyl Malonamide	149591388	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
N,N'-DIMETHYL-N-HYDROXYETHYL-3-NITRO-P-PHENYLENEDIAMINE YLENEDIAMINE	N,N' DimethylNhydroxyethyl3nitrophenylenediamine and its salts, when used as a substance in hair dye products	10228032	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
N,N'-ETHYLENEBIS(VINYLSULFONYLACETAMIDE)	1,2bis(vinylsulfonylacetamido)ethane	66710665	Classified as 'suspected of causing genetic defects' (GHS H341).	
NABAM	Nabam	142596	California Proposition 65 listed for developmental	
NAPHTHA (PETROLEUM, FULL-RANGE REFORMED)	Naphtha (petroleum), fullrange reformed	68919379	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM, FULL-RANGE REFORMED)	Naphtha (petroleum), fullrange reformed	68919379	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM, FULL-RANGE REFORMED)	Naphtha (petroleum), fullrange reformed	68919379	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM, FULL-RANGE REFORMED)	Naphtha (petroleum), fullrange reformed	68919379	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), CATALYTIC REFORMED	Naphtha (petroleum), catalytic reformed	68955351	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), CATALYTIC REFORMED	Naphtha (petroleum), catalytic reformed	68955351	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), CATALYTIC REFORMED	Naphtha (petroleum), catalytic reformed	68955351	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), CATALYTIC REFORMED	Naphtha (petroleum), catalytic reformed	68955351	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), FULL-RANGE STRAIGHT-RUN	Naphtha (petroleum), fullrange straightrun	64741420	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), FULL-RANGE STRAIGHT-RUN	Naphtha (petroleum), fullrange straightrun	64741420	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), FULL-RANGE STRAIGHT-RUN	Naphtha (petroleum), fullrange straightrun	64741420	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), FULL-RANGE STRAIGHT-RUN	Naphtha (petroleum), fullrange straightrun	64741420	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED	Naphtha (petroleum), heavy catalytic cracked	64741544	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED	Naphtha (petroleum), heavy catalytic cracked	64741544	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED	Naphtha (petroleum), heavy catalytic cracked	64741544	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED	Naphtha (petroleum), heavy catalytic cracked	64741544	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC REFORMED	Naphtha (petroleum), heavy catalytic reformed	64741680	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC REFORMED	Naphtha (petroleum), heavy catalytic reformed	64741680	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC REFORMED	Naphtha (petroleum), heavy catalytic reformed	64741680	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC REFORMED	Naphtha (petroleum), heavy catalytic reformed	64741680	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Hydrocarbons, C79, isoalkanes; Hydrocarbons, C7C9, isoalkanes; Hydrocarbons,C7C9,isoalkanes; Not Applicable; Hydrocarbons, C7C9, isoalkanes; Not Applicable	64741668	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Hydrocarbons, C79, isoalkanes; Hydrocarbons, C7C9, isoalkanes; Hydrocarbons,C7C9,isoalkanes; Not Applicable; Hydrocarbons, C7C9, isoalkanes; Not Applicable	64741668	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Hydrocarbons, C79, isoalkanes; Hydrocarbons, C7C9, isoalkanes; Hydrocarbons,C7C9,isoalkanes; Not Applicable; Hydrocarbons, C7C9, isoalkanes; Not Applicable	64741668	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Hydrocarbons, C79, isoalkanes; Hydrocarbons, C7C9, isoalkanes; Hydrocarbons,C7C9,isoalkanes; Not Applicable; Hydrocarbons, C7C9, isoalkanes; Not Applicable	64741668	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Naphtha (petroleum), light alkylate	64741668	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Naphtha (petroleum), light alkylate	64741668	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED	Naphtha (petroleum), light catalytic cracked	64741555	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED	Naphtha (petroleum), light catalytic cracked	64741555	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED	Naphtha (petroleum), light catalytic cracked	64741555	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED	Naphtha (petroleum), light catalytic cracked	64741555	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC REFORMED	Naphtha (petroleum), light catalytic reformed	64741635	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC REFORMED	Naphtha (petroleum), light catalytic reformed	64741635	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC REFORMED	Naphtha (petroleum), light catalytic reformed	64741635	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC REFORMED	Naphtha (petroleum), light catalytic reformed	64741635	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), LIGHT STRAIGHT-RUN	Naphtha (petroleum), light straightrun	64741464	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), LIGHT STRAIGHT-RUN	Naphtha (petroleum), light straightrun	64741464	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), LIGHT STRAIGHT-RUN	Naphtha (petroleum), light straightrun	64741464	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), LIGHT STRAIGHT-RUN	Naphtha (petroleum), light straightrun	64741464	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), SWEETENED	Naphtha (petroleum), sweetened	64741873	Classified as 'may cause cancer' (GHS H350).	
NAPHTHA (PETROLEUM), SWEETENED	Naphtha (petroleum), sweetened	64741873	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), SWEETENED	Naphtha (petroleum), sweetened	64741873	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), SWEETENED	Naphtha (petroleum), sweetened	64741873	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA (PETROLEUM), THERMAL CRACKED	Naphtha (petroleum), heavy thermal cracked	64741839	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NAPHTHA (PETROLEUM), THERMAL CRACKED	Naphtha (petroleum), heavy thermal cracked	64741839	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHA (PETROLEUM), THERMAL CRACKED	Naphtha (petroleum), heavy thermal cracked	64741839	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NAPHTHA (PETROLEUM), THERMAL CRACKED	Naphtha (petroleum), heavy thermal cracked	64741839	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHA, HEAVY	Solvent naphtha (petroleum), heavy aliph.	64742967	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
Naphtha, petroleum, heavy alkylate	Naphtha (petroleum), heavy alkylate	64741657	Classified as 'may cause cancer' (GHS H350).	
Naphtha, petroleum, heavy alkylate	Naphtha (petroleum), heavy alkylate	64741657	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'may cause cancer' (GHS H350).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'may damage fertility or the unborn child' (GHS H360).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'toxic in contact with skin' (GHS H311).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	91203	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHALENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	91203	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHALENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	91203	Classified as 'may cause cancer' (GHS H350).	
NAPHTHALENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	91203	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHALENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	91203	Classified as 'toxic in contact with skin' (GHS H311).	
NAPHTHALENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	91203	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE	naphthalene	91203	California Proposition 65 listed for cancer	
NAPHTHALENE	naphthalene	91203	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NAPHTHALENE	naphthalene	91203	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NAPHTHALENE	naphthalene	91203	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NAPHTHALENE	naphthalene	91203	EPA IRIS 'possible carcinogen'.	
NAPHTHALENE	naphthalene	91203	Classified as 'suspected of causing cancer' (GHS H351).	
NAPHTHALENE	naphthalene	91203	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHALENE	naphthalene	91203	Possibly carcinogenic to humans' IARC (Category 2B, Volume 82 2002)	
NAPHTHALENE	naphthalene	91203	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NAPHTHALENE, 1-(2,3-EPOXYPROPOXY)-	[(naphthyl)oxy]methyloxirane	2461429	Classified as 'suspected of causing genetic defects' (GHS H341).	
NAPHTHALENE, 1-(2,3-EPOXYPROPOXY)-	[(naphthyl)oxy]methyloxirane	2461429	Classified as 'suspected of causing cancer' (GHS H351).	
NAPHTHALENE, 1-CHLOROMETHYL-	1(chloromethyl)naphthalene	86522	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'may cause cancer' (GHS H350).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'may damage fertility or the unborn child' (GHS H360).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'toxic in contact with skin' (GHS H311).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE, 1-METHYL-	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	90120	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NAPHTHALENE, 1-METHYL-	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	90120	Classified as 'may cause genetic defects' (GHS H340).	
NAPHTHALENE, 1-METHYL-	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	90120	Classified as 'may cause cancer' (GHS H350).	
NAPHTHALENE, 1-METHYL-	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	90120	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHALENE, 1-METHYL-	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	90120	Classified as 'toxic in contact with skin' (GHS H311).	
NAPHTHALENE, 1-METHYL-	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	90120	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE, 1,5-DINITRO-	1,5dinitronaphthalene	605710	Classified as 'suspected of causing genetic defects' (GHS H341).	
NAPHTHALENE, 1,5-DINITRO-	1,5dinitronaphthalene	605710	Classified as 'suspected of causing cancer' (GHS H351).	
NAPHTHALENE, 2,6-BIS(1-METHYLETHYL)-	2,6Diisopropynaphthalene	24157811	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHALENE, BIS(1-METHYLETHYL)-	Bis(isopropyl)naphthalene	38640629	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHALENE, DECAHYDRO-	DECAHYDRONAPHTHALENE	91178	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NAPHTHALENE, DECAHYDRO-	DECAHYDRONAPHTHALENE	91178	Classified as 'toxic if inhaled' (GHS H331).	
NAPHTHALENE, DECAHYDRO-	DECAHYDRONAPHTHALENE	91178	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHENIC ACID, COBALT SALT	Naphthenic acids, cobalt salts	61789513	Classified as 'suspected of causing cancer' (GHS H351).	
NAPHTHENIC ACID, COBALT SALT	Naphthenic acids, cobalt salts	61789513	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NAPHTHENIC ACID, COBALT SALT	Naphthenic acids, cobalt salts	61789513	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NAPHTHENIC ACID, COBALT SALT	Naphthenic acids, cobalt salts	61789513	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NAPHTHO(1,2,3,4-DEF)CHRYSENE	Dibenzo[a,e]pyrene	192654	California Proposition 65 listed for cancer	
NAPHTHO(1,2,3,4-DEF)CHRYSENE	Dibenzo[a,e]pyrene (see Polycyclic Aromatic Hydrocarbons: 15 Listings)	192654	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NAPHTHO(1,2,3,4-DEF)CHRYSENE	Dibenzo[a,e]pyrene	192654	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741475	Classified as 'may cause cancer' (GHS H350).	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741475	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741475	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741475	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741475	Classified as 'may cause genetic defects' (GHS H340).	
NEODECANOIC ACID, 2,3-EPOXYPROPYL ESTER	2,3epoxypropyl neodecanoate	26761455	Classified as 'suspected of causing genetic defects' (GHS H341).	
NEODECANOYL CHLORIDE	neodecanoyl chloride	40292828	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NEODECANOYL CHLORIDE	neodecanoyl chloride	40292828	Classified as 'fatal if inhaled' (GHS H330).	
NEODYMIUM	Neodymium and its salts	7440008	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NEODYMIUM	Neodymium and its salts	7440008	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NEODYMIUM CHLORIDE	Neodymium trichloride	10024938	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NEODYMIUM OXIDE	Neodymium oxide	1313979	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NEODYMIUM(III) NITRATE (1:3)	Neodymium trinitrate	10045951	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NEODYMIUM(III) NITRATE (1:3)	Neodymium trinitrate	10045951	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NEOMYCIN SULFATE	Neomycin sulfate (internal use)	1405103	California Proposition 65 listed for developmental	
NERIUM OLEANDER (OLEANDER) LEAF EXTRACT	Nerium oleander, its extracts and its glycosides	465167; 84929395	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NEROLIDOL ISOMERS	3,7,11trimethyldodeca1,6,10trien3ol,mixed isomers	7212444	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NERYLNITRILE	Geranyl nitrile	5146667; 5585397; 31983274	Prohibited by the International Fragrance Association for use in fragrance.	
NICKEL	Metallic Nickel (see Nickel Compounds and Metallic Nickel)	7440020	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NICKEL	nickel	7440020	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
NICKEL	nickel	7440020	Classified as 'suspected of causing cancer' (GHS H351).	
NICKEL	Nickel (Metallic)	7440020	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NICKEL	Nickel, metallic and alloys	7440020	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 49 1990)	
NICKEL	Nickel; nickel powder [particle diameter<1 mm]	7440020	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL	Nickel Compounds	7440020	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL	Metallic Nickel	7440020	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NICKEL	nickel	7440020	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
NICKEL (II) SULFAMATE	Nickel bis(sulphamidate)	13770893	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL (II) SULFAMATE	Nickel bis(sulphamidate)	13770893	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL (II) SULFAMATE	Nickel bis(sulphamidate)	13770893	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL (II) SULFAMATE	Nickel Compounds	13770893	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ACETATE TETRAHYDRATE	nickel di(acetate)	373024; 6018899	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL ACETATE TETRAHYDRATE	nickel di(acetate)	373024; 6018899	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL ACETATE TETRAHYDRATE	nickel di(acetate)	373024; 6018899	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL ACETATE TETRAHYDRATE	Nickel Compounds	6018899	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ACETYLMETHIONATE	Nickel Compounds		Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ALLOY, BASE, NI 57-62, FE 22-28, CR 14-18, SI 0.8-1.6, MN 0-1, C 0-0.2	Nickel Compounds	12605708	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ALLOY, BASE, NI 63-70, CU 25-37, FE 0-2.5, MN 0-2, SI 0-0.5, C 0-0.3	Nickel Compounds	11105194	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ALLOY, NI 47-59, CO 17-20, CR 13-17, MO 4.5-5.7, AL 3.7-4.7, TI 3-4, FE 0-1, C 0-0.1 (AISI)	Nickel Compounds	11068910	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ALLOY, NI, BE	Beryllium Compounds	37227615	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ALLOY, NI, BE	Nickel Compounds	37227615	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ANTIMONIDE	Nickel Compounds	12035528	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ARSENIDE	Nickel Compounds	27016757	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ARSENIDE (AS2-NI5)	Nickel Compounds	12255800	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ARSENIDE (AS8-NI11)	Nickel Compounds	12256336	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL ARSENIDE SULFIDE	Nickel Compounds	12255106	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL CARBONATE	Nickel carbonate	3333673	California Proposition 65 listed for cancer	
NICKEL CARBONATE	Nickel carbonate; basic nickel carbonate; carbonic acid, nickel (2+) salt [1]; carbonic acid, nickel salt [2]; [micro [carbonato(2)O'O']]dihydroxy trinickel [3]; [carbonato(2)]tetrahydroxytrinickel [4]	3333673; 16337841; 65405961; 12607704	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL CARBONATE	Nickel Compounds	3333673	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL CHLORIDE, TRIHYDRATE	Nickel Compounds	65374814	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	557197	California Prop65 Chemical (male)	
NICKEL CYANIDE	Nickel Compounds	557197	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL DIOXIDE	nickel dioxide	12035368	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL DIOXIDE	Nickel Compounds	12035368	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL GLUCONATE	Nickel Compounds		Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL HYDROXIDE	Nickel dihydroxide [1]; nickel hydroxide [2]	12054487; 11113749	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL HYDROXIDE	Nickel hydroxide	12054487; 12125563	California Proposition 65 listed for cancer	
NICKEL HYDROXIDE	Nickel hydroxide	11113749	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL HYDROXIDE	Nickel hydroxide	11113749	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL HYDROXIDE	Nickel hydroxide	11113749	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL HYDROXIDE	Nickel Compounds	11113749	Listed on the 14th Report on Carcinogens as a known carcinogen	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NICKEL IRON SULFIDE	Nickel Compounds	59978653	Listed on the 14th Report on Carcinogens as a known carcinogen	
nickel isoctanoate	Nickel Compounds		Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL MONOXIDE	nickel monoxide	1313991	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL MONOXIDE	Nickel monoxide [1]; nickel oxide [2]; bunsenite [3]	1313991; 11099028; 34492972	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL MONOXIDE	Nickel oxide	1313991	California Proposition 65 listed for cancer	
NICKEL MONOXIDE	Nickel Compounds	1313991	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL POTASSIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	14220178	California Prop65 Chemical (male)	
NICKEL POTASSIUM CYANIDE	Nickel Compounds	14220178	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SELENIDE (NI-SE)	Nickel Compounds	13140502	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SELENIDE (NI3-SE2)	Nickel Compounds	12137132	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SUBSULPHIDE	Nickel subsulfide	12035722	California Proposition 65 listed for cancer	
NICKEL SUBSULPHIDE	Nickel subsulfide	12035722	EPA IRIS 'human carcinogen'.	
NICKEL SUBSULPHIDE	Trinickel disulfide; nickel subsulfid [1]; heazlewoodite [2]	12035722; 12035711	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL SUBSULPHIDE	trinickel disulphide	12035722	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL SUBSULPHIDE	trinickel disulphide	12035722	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL SUBSULPHIDE	Nickel Compounds	12035722	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SULFIDE (NI7S6)	Nickel Compounds	12503536	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SULPHATE	Nickel sulphate	7786814	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL SULPHATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL SULPHATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause cancer' (GHS H350).	
NICKEL SULPHATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL SULPHATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL SULPHATE	Nickel Compounds	7786814	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL SULPHIDE	Nickel (II) sulfide [1]; nickel sulfide [2]; millerite[3]	16812547; 11113750; 1314041	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL SULPHIDE	nickel sulphide	16812547	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL SULPHIDE	nickel sulphide	16812547	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL SULPHIDE	nickel sulphide	16812547	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL SULPHIDE	Nickel Compounds	16812547	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL TELLURIDE	Nickel Compounds	12142880	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL TITANIUM OXIDE	Nickel Compounds	12035391	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL TITANIUM OXIDE	NICKEL TITANIUM OXIDE	12035391	Europe prohibits this ingredient in cosmetics	
NICKEL TITANIUM OXIDE	NICKEL TITANIUM OXIDE	12035391	Europe prohibits this ingredient in cosmetics	
NICKEL-GALLIUM ALLOY	Nickel Compounds	56668598	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, ((3-AMINO-3-CARBOXYPROPYL)DIMETHYLSULFONIUMATO-N,O)DIAQUA(2-OXOPENTANEDIOATO(2-)-	Nickel Compounds	132428467	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (4-AMINOBTANOATO-N,O)(N-(2,4-DIHYDROXY-3,3-DIMETHYL-1-OXOBUTYL)-BETA-ALANINATO)-	Nickel Compounds	85625894	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (BENZENECARBOTHIOIC ACID ((2-HYDROXYPHENYL)METHYLENE)HYDRAZIDATO(2-)) (PYRIDINE)-, (SP-	Nickel Compounds	132829288	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	[carbonato(2)]tetrahydroxytrinickel	12607704	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	[carbonato(2)]tetrahydroxytrinickel	12607704	Classified as 'fatal if inhaled' (GHS H330).	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	[carbonato(2)]tetrahydroxytrinickel	12607704	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	[carbonato(2)]tetrahydroxytrinickel	12607704	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	Nickel carbonate; basic nickel carbonate; carbonic acid, nickel (2+) salt [1]; carbonic acid, nickel salt [2]; [micro [carbonato(2)O:O]]dihydroxy trinickel [3]; [carbonato(2)]tetrahydroxytrinickel [4]	3333673; 16337841; 65405961; 12607704	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-	Nickel Compounds	12607704	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (CARBONATO(2-))TETRAHYDROXYTRI-, TETRAHYDRATE	Nickel Compounds	39430278	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (ETHANEDIOATO(2-)-O,O')BIS(3-((PHENYLAMINO)METHYL)-2(3H)-BENZOXAZOLONE-N(SUP N(SUP 3),	Nickel Compounds	82497992	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (ETHANEDIOATO(2-)-O,O')BIS(3-METHYLBENZENAMINE)-	Nickel Compounds	80660657	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, (ETHANEDIOATO(2-)-O,O')BIS(PYRIDINE 1-OXIDE-O)-, (SP-4-2)-	Nickel Compounds	74167241	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, AMMINE(BENZENECARBOTHIOIC ACID ((2-HYDROXYPHENYL)METHYLENE)HYDRAZIDATO(2-))-	Nickel Compounds	132773081	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, AMMINE(BENZENECARBOTHIOIC ACID (1-METHYL-3-OXO-3-PHENYLPROPYLIDENE)HYDRAZIDATO(2-))-	Nickel Compounds	132829313	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, AMMINE(BENZENECARBOTHIOIC ACID (1-METHYL-3-OXOBUTYLIDENE)HYDRAZIDATO(2-))-, (SP-4-2)-	Nickel Compounds	132829299	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, AMMINE(BENZENECARBOTHIOIC ACID (3-OXO-3-PHENYLPROPYLIDENE)HYDRAZIDATO(2-))-	Nickel Compounds	132829302	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(1,5-CYCLOCTADIENE)-	Nickel Compounds	1295358	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(2-BENZOYLBenZOATO)BIS(3-(1-METHYL-2-PYRROLIDINYL)PYRIDINE)-, TRIHYDRATE	Nickel Compounds	64092235	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(3-(PHENYLAMINO)METHYL)-2(3H)-BENZOXAZOLONE-N(SUP N(SUP 3),O(SUP 2))	Nickel Compounds	82498008	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(3,4-DICHLOROBENZOATO)-	Nickel Compounds	15442770	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(CARBONATO(2-))HEXAHYDROXY PENTA-	Nickel Compounds	12122155	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(DIBUTYLDITHIOCARBAMATO)-	Nickel Compounds	13927770	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(DIMETHYLDITHIOCARBAMATO)-	Nickel Compounds	15521650	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, BIS(TRIPHENYLPHOSPHINE)DICHLORO-	Bis(triphenylphosphine)nickel(II) chloride	14264165	Classified as 'may cause cancer' (GHS H350).	
NICKEL, BIS(TRIPHENYLPHOSPHINE)DICHLORO-	Nickel Compounds	14264165	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, COMPD WITH PI-CYCLOPENTADIENYL (1:2)	Nickelocene	1271289	California Proposition 65 listed for cancer	
NICKEL, COMPD WITH PI-CYCLOPENTADIENYL (1:2)	Nickel Compounds	1271289	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, DICHLOROBIS(2,3,5,6-TETRAHYDRO-6-PHENYLIMIDAZO(2,1-B)THIAZOLE-N(SUP 7)-,(T-4-(S),(S))-	Nickel Compounds	155737578	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL, DITHIOCYANATOBIS(TRIPHENYLPHOSPHINE)-	Nickel Compounds	15709623	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), BIS(1,2-ETHANEDIAMINE-N,N')-, (T-4)-TETRAKIS(THIOCYANATO-S)MERCURATE(2- ) (1:1),	Nickel Compounds	80732907	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), BIS(N-(2-AMINOETHYL)-1,2-ETHANEDIAMINE-N,N',N')-, (T-4)-TETRAOXOTUNGSTATE(2-)	Nickel Compounds	80683336	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), BIS(N,N'-BIS(2-AMINOETHYL)-1,2-ETHANEDIAMINE-N,N',N'(SUP N))-, (T-4)-	Nickel Compounds	80660680	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), TRIS(1,2-ETHANEDIAMINE-N,N')-, (OC-6-11)-, (T-4)-TETRAOXOTUNGSTATE(2- ) (1:1)	Nickel Compounds	80660453	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), TRIS(1,2-PROPANEDIAMINE-N,N')-, (T-4)-TETRAOXOTUNGSTATE(2- ) (1:1)	Nickel Compounds	80660442	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), TRIS(2,2'-BIPYRIDINE-N,N')-, DICHLORIDE, (OC-6-11)-	Nickel Compounds	14751849	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(2+), TRIS(OCTAMETHYLPROPHOSPHORAMIDE)-, DIPERCHLORATE	Nickel Compounds	26388852	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) ACETATE (1:2)	Nickel acetate	373024	California Proposition 65 listed for cancer	
NICKEL(II) ACETATE (1:2)	nickel di(acetate)	373024; 6018899	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) ACETATE (1:2)	nickel di(acetate)	373024; 6018899	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) ACETATE (1:2)	nickel di(acetate)	373024; 6018899	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) ACETATE (1:2)	Nickel Compounds	3730204	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) CHLORIDE (1:2)	nickel dichloride	7718549; 7791200	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) CHLORIDE (1:2)	nickel dichloride	7718549; 7791200	Classified as 'toxic if inhaled' (GHS H331).	
NICKEL(II) CHLORIDE (1:2)	nickel dichloride	7718549; 7791200	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) CHLORIDE (1:2)	nickel dichloride	7718549; 7791200	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) CHLORIDE (1:2)	Nickel Compounds	7718549	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) CHLORIDE, HEXAHYDRATE (1:2:6)	nickel dichloride	7718549; 7791200	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) CHLORIDE, HEXAHYDRATE (1:2:6)	nickel dichloride	7718549; 7791200	Classified as 'toxic if inhaled' (GHS H331).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NICKEL(II) CHLORIDE, HEXAHYDRATE (1:2:6)	nickel dichloride	7718549; 7791200	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) CHLORIDE, HEXAHYDRATE (1:2:6)	nickel dichloride	7718549; 7791200	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) CHLORIDE, HEXAHYDRATE (1:2:6)	Nickel Compounds	7791200	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) FLUOBORATE	Nickel Compounds	14708146	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) FLUORIDE (1:2)	nickel difluoride	10028189	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) FLUORIDE (1:2)	nickel difluoride	10028189	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) FLUORIDE (1:2)	Nickel Compounds	10028189	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) FLUOSILICATE (1:1)	Nickel Compounds	26043118	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) HYDROXIDE	nickel dihydroxide	12054487	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) HYDROXIDE	nickel dihydroxide	12054487	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) HYDROXIDE	nickel dihydroxide	12054487	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) HYDROXIDE	Nickel dihydroxide [1]; nickel hydroxide [2]	12054487; 11113749	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICKEL(II) HYDROXIDE	Nickel hydroxide	12054487; 12125563	California Proposition 65 listed for cancer	
NICKEL(II) HYDROXIDE	Nickel Compounds	12054487	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) ISODECYL ORTHO-PHOSPHATE (3:2)	Nickel Compounds	74203455	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) NITRATE (1:2)	Nickel dinitrate	13138459; 13478007	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) NITRATE (1:2)	Nickel dinitrate	13138459; 13478007	Classified as 'may damage fertility or the unborn child' (GHS H360).	
NICKEL(II) NITRATE (1:2)	Nickel dinitrate	13138459; 13478007	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) NITRATE (1:2)	Nickel dinitrate	13138459; 13478007	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) NITRATE (1:2)	Nickel Compounds	13138459	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)	Nickel dinitrate	13138459; 13478007	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)	Nickel dinitrate	13138459; 13478007	Classified as 'may damage fertility or the unborn child' (GHS H360).	
NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)	Nickel dinitrate	13138459; 13478007	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)	Nickel dinitrate	13138459; 13478007	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) NITRATE, HEXAHYDRATE (1:2:6)	Nickel Compounds	13478007	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'suspected of causing genetic defects' (GHS H341).	
NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause cancer' (GHS H350).	
NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NICKEL(II) SULFATE HEXAHYDRATE (1:1:6)	Nickel Compounds	10101970	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(III) HYDROXIDE	Nickel hydroxide	12054487; 12125563	California Proposition 65 listed for cancer	
NICKEL(III) HYDROXIDE	Nickel Compounds	12125563	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKEL(IV) SULFIDE	Nickel Compounds	12035517	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKELATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)-, DISODIUM	Nickel disodium ethylenediaminetetraacetate; nickel(2+) disodium 2,2',2'',2'''(ethane1,2diylidinitriolo)tetraacetate; Nickelate(2), [[N,N'1,2ethanediybisN[(carboxy.kappa.O)methyl]glycinato.kappa.N,kappa.O]](4)], disodium, (OC621)	15708551	Classified as 'suspected of causing cancer' (GHS H351).	
NICKELATE(2-), ((ETHYLENEDINITRILO)TETRAACETATO)-, DISODIUM	Nickel Compounds	15708551	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKELATE(2-), TETRACYANO-, DIPOTASSIUM, HYDRATE	Nickel Compounds	14323412	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKELATE(4-), ((4,4',4''',21H,23H-PORPHINE-5,10,15,20-TETRAYL)TETRAKIS(BENZENESULFONATO)	Nickel Compounds	67204040	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICKELINE	Nickel Compounds	1303135	Listed on the 14th Report on Carcinogens as a known carcinogen	
NICOTINE	Nicotine	54115	California Proposition 65 listed for developmental	
NICOTINE	Nicotine and its salts	54115	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NICOTINE	Nicotine and its salts	54115	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICOTINE, 1'-DEMETHYL-1'-NITROSO-	<i>N</i>-Nitrosornicotine (NNN) and 4<i>N</i>-Nitrosomethylamino)1(3pyridyl)1butanone (NNK)	16543558	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 89, 100E 2012)	
NICOTINE, 1'-DEMETHYL-1'-NITROSO-	NNitrosornicotine	16543558	California Proposition 65 listed for cancer	
NICOTINE, 1'-DEMETHYL-1'-NITROSO-	NNitrosornicotine (see NNitrosamines: 15 listings)	16543558	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NICOTINE, 1'-DEMETHYL-1'-NITROSO-	NNitrosornicotine	16543558	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER	Arecoline	63752	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER	Arecoline	63752	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER	NICOTINIC ACID, 1,2,5,6-TETRAHYDRO-1-METHYL-, METHYL ESTER	63752	Possibly carcinogenic to humans' IARC (Category 2B, Volume 128, 2021)	
NIOBIUM CHLORIDE	Niobium pentachloride	10026127	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRAPYRIN	Nitrapyrin	1929824	California Proposition 65 listed for developmental	
NITRAPYRIN	Nitrapyrin [Basis for listing changed effective on November 4, 2015]	1929824	California Proposition 65 listed for cancer	
NITRATE	1[phenyl(4phenylphenyl)methyl]imidazole; nitrate	60629074	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NITRATE	1[phenyl(4phenylphenyl)methyl]imidazole; nitrate	60629074	Classified as 'may cause harm to breastfed children' (GHS H362).	
NITRIC ACID	1[(2chlorophenyl)diphenylmethyl]1Himidazole; nitric acid	37594642	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID	Nitric acid	7697372	IARC classification of sufficient evidence in humans for the carcinogenicity of strong inorganic acid mists.	
NITRIC ACID	Nitric acid	7697372	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRIC ACID	Nitric acid	7697372	Classified as 'toxic if inhaled' (GHS H331).	
NITRIC ACID, BERYLLIUM SALT, TETRAHYDRATE	Beryllium Compounds	13510480	Listed on the 14th Report on Carcinogens as a known carcinogen	
NITRIC ACID, BERYLLIUM SALT, TRIHYDRATE	Beryllium Compounds	7787555	Listed on the 14th Report on Carcinogens as a known carcinogen	
NITRIC ACID, COBALT(2+) SALT, HEXAHYDRATE	Cobalt dinitrate	10026229; 10141056	Classified as 'suspected of causing genetic defects' (GHS H341).	
NITRIC ACID, COBALT(2+) SALT, HEXAHYDRATE	Cobalt dinitrate	10026229; 10141056	Classified as 'may cause cancer' (GHS H350).	
NITRIC ACID, COBALT(2+) SALT, HEXAHYDRATE	Cobalt dinitrate	10026229; 10141056	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
NITRIC ACID, COBALT(2+) SALT, HEXAHYDRATE	Cobalt dinitrate	10026229; 10141056	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID, COPPER(2+) SALT	Copper dinitrate	3251238; 10031433	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRIC ACID, COPPER(2+) SALT	Copper dinitrate	3251238; 10031433	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID, DYSPROSIUM(3+) SALT	Dysprosium trinitrate	10143381	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID, IRON(3+) SALT	Iron trinitrate	7782618; 10421484	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRIC ACID, MANGANESE(2+) SALT	Manganese dinitrate	10377669; 17141638	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRIC ACID, PALLADIUM(2+) SALT	Palladium dinitrate	10102053; 32916077	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITRIC ACID, PALLADIUM(2+) SALT	Palladium dinitrate	10102053; 32916077	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID, SAMARIUM(3+) SALT	Samarium trinitrate	10361838	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRIC ACID, TERBIUM(3+) SALT	Terbium trinitrate	10043273; 57584277	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRILES COCO	C1218 evennumbered alkyl nitrile; C1218(even numbered)alkylnitrile; Nitriles, C1218 (even numbered); Nitriles, coco; Coconitriles	1218787291	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid	139139	California Proposition 65 listed for cancer	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid	139139	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid	139139	Classified as 'suspected of causing cancer' (GHS H351).	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid	139139	Classified as 'may cause genetic defects' (GHS H340).	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid and its salts	139139	Possibly carcinogenic to humans' IARC (Category 2B, Volume 48, 73 1999)	
NITRILOTRIACETIC ACID	Nitrilotriacetic acid	139139	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITRITE ION (NOT SODIUM NITRITE)	Inorganic nitrites, with exception of sodium nitrite	14797650	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NITRITE ION (NOT SODIUM NITRITE)	Nitrites, inorganic, except sodium nitrite	14797650	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NITROBENZENE	nitrobenzene	98953	California Proposition 65 listed for cancer	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NITROBENZENE	nitrobenzene	98953	California Proposition 65 listed for male	
NITROBENZENE	nitrobenzene	98953	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NITROBENZENE	nitrobenzene	98953	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NITROBENZENE	nitrobenzene	98953	Prohibited by the International Fragrance Association for use in fragrance.	
NITROBENZENE	nitrobenzene	98953	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NITROBENZENE	nitrobenzene	98953	EPA IRIS 'likely carcinogenic'.	
NITROBENZENE	nitrobenzene	98953	Classified as 'suspected of causing cancer' (GHS H351).	
NITROBENZENE	nitrobenzene	98953	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
NITROBENZENE	nitrobenzene	98953	Classified as 'toxic in contact with skin' (GHS H311).	
NITROBENZENE	nitrobenzene	98953	Classified as 'toxic if inhaled' (GHS H331).	
NITROBENZENE	nitrobenzene	98953	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NITROBENZENE	nitrobenzene	98953	Possibly carcinogenic to humans' IARC (Category 2B, Volume 65 1996)	
NITROBENZENE	nitrobenzene	98953	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITROETHANE	nitroethane	79243	Classified as 'toxic if inhaled' (GHS H331).	
NITROFEN	Nitrofen	1836755	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
NITROFEN	Nitrofen	1836755	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NITROFEN	Nitrofen	1836755	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NITROFEN	Nitrofen (technical grade)	1836755	California Proposition 65 listed for cancer	
NITROFEN	Nitrofen (technical grade)	1836755	Possibly carcinogenic to humans' IARC (Category 2B, Volume 30, Sup 7 1987)	
NITROFEN	Nitrofen	1836755	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITROGEN CHLORIDE	Trichloramine	10025851	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
NITROGEN CHLORIDE	Trichloramine	10025851	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
NITROGEN DIOXIDE	Nitrogen dioxide	10102440	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITROGEN DIOXIDE	Nitrogen dioxide	10102440	Classified as 'fatal if inhaled' (GHS H330).	
NITROGEN MONOXIDE	Nitrogen monoxide	10102439	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITROGEN MONOXIDE	Nitrogen monoxide	10102439	Classified as 'fatal if inhaled' (GHS H330).	
NITROGEN MONOXIDE	Nitrogen monoxide	10102439	Classified as 'toxic if inhaled' (GHS H331).	
NITROGEN TETROXIDE	Dinitrogen tetroxide	10544726	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
NITROGEN TETROXIDE	Dinitrogen tetroxide	10544726	Classified as 'fatal if inhaled' (GHS H330).	
NITROMETHANE	nitromethane	75525	California Proposition 65 listed for cancer	
NITROMETHANE	nitromethane	75525	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
NITROMETHANE	nitromethane	75525	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77 2000)	
NITROMETHANE	nitromethane	75525	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITROPHENOL	2Nitrophenol	88755	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NITROSAMINES	NNitrosodiethylamine	55185	California Proposition 65 listed for cancer	
NITROSAMINES	NNitrosodiethylamine	55185	EPA IRIS 'probable carcinogen'.	
NITROSAMINES	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NITROSAMINES	NNitrosodiethylamine	55185	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITROSODIPROPYLAMINE	<N</N>Nitrosodipropylamine	621647	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
NITROSODIPROPYLAMINE	NNitrosodipropylamine	621647	California Proposition 65 listed for cancer	
NITROSODIPROPYLAMINE	NNitrosodipropylamine	621647	EPA IRIS 'probable carcinogen'.	
NITROSODIPROPYLAMINE	NNitrosodipropylamine (see NNitrosamines: 15 listings)	621647	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NITROSODIPROPYLAMINE	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NITROSODIPROPYLAMINE	Nitrosamines e.g. Dimethylnitrosoamine; Nitrosodipropylamine; 2,2' (Nitrosoimino)bisethanol	62759; 621647; 1116547	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NITROSODIPROPYLAMINE	NNitrosodipropylamine	621647	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
NITROUS ACID, ION(1-)	Inorganic nitrites, with exception of sodium nitrite	14797650	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NITROUS ACID, ION(1-)	Nitrites, inorganic, except sodium nitrite	14797650	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NITROUS ACID, NICKEL (2+) SALT	Nickel Compounds	17861620	Listed on the 14th Report on Carcinogens as a known carcinogen	
NITROUS OXIDE	Nitrous oxide	10024972	EWG F scoring ingredient under any condition of use.	
NITROUS OXIDE	Nitrous oxide [Basis for listing changed effective November 8, 2013]	10024972	California Proposition 65 listed for developmental, female	
NONA-2,4-DIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
NONANE	3,7dimethylnonane; 4methyldecane; decane; nonane; undecane	111842	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NONANE	Nonane	111842	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
NONANE	Nonane	111842	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NONANOIC ACID, HEPTADEC AFLUORO-, AMMONIUM SALT	NONANOIC ACID, HEPTADEC AFLUORO-, AMMONIUM SALT	4149604	Europe prohibits this ingredient in cosmetics	
NONOXYNOL	4Nonylphenol, ethoxylated	26027383	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NONOXYNOL	NONOXYNOL	26027383	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-1	NONOXYNOL1	27986363	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-10	NONOXYNOL10	37205871	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-10	Nonylphenol, branched, ethoxylated	37205871; 68412544	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NONOXYNOL-100	Nonoxyno100	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno11	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL12	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno120	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno13	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL14	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL15	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno18	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL2	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno20	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno23	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxyno25	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	

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NONOXYNOL-100	NONOXYNOL3	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL30	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxynol35	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL40	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonoxynol44	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL5	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL50	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL6	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL7	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	NONOXYNOL8	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-100	Nonylphenoethoxylate	9016459	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
NONOXYNOL-11	Nonoxynol11	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-12	NONOXYNOL12	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-12	Nonylphenoethoxylate	9016459	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
NONOXYNOL-120	Nonoxynol120	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-13	Nonoxynol13	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-14	NONOXYNOL14	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-15	NONOXYNOL15	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-18	Nonoxynol18	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-2	NONOXYNOL2	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-20	Nonoxynol20	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-23	Nonoxynol23	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-25	Nonoxynol25	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-3	NONOXYNOL3	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-30	NONOXYNOL30	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-35	Nonoxynol35	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-4	NONOXYNOL4	7311275	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-40	NONOXYNOL40	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
NONOXYNOL-44	Nonoxynol44	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-5	NONOXYNOL5	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-50	NONOXYNOL50	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-6	NONOXYNOL6	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-7	NONOXYNOL7	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-8	NONOXYNOL8	9016459	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONOXYNOL-9	NONOXYNOL9	26571119	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol10	9014931	Nonylphenol ethoxylates are toxic to aquatic organisms and can degrade into endocrine disrupting compounds.	
NONYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylnonylamine	75881195	California Proposition 65 listed for cancer	
NONYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylnonylamine	75881195	California Prop65 Chemical (cancer)	
NOSCAPINE	Noscapine (INN) and its salts	128621	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
NOSCAPINE	Noscapine and its salts	128621	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
NUTMEG OIL, VOLATILE	Myristica fragrans, ext.	8008455; 84082688	Classified as 'suspected of causing genetic defects' (GHS H341).	
NUTMEG OIL, VOLATILE	Myristica fragrans, ext.	8008455; 84082688	Classified as 'may cause cancer' (GHS H350).	
NUTMEG OIL, VOLATILE	Myristica fragrans, ext.	8008455; 84082688	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
NYLON	NYLON	63428831	Nonbiodegradable microplastic and wipe/sheet ingredients.	
NYLON-12	Nylon12	24937164	Nonbiodegradable microplastic and wipe/sheet ingredients.	
NYLON-6	Nylon6	25038544	Nonbiodegradable microplastic and wipe/sheet ingredients.	
O-(4-BROMO-2-CHLOROPHENYL) O-ETHYL S-PROPYL PHOSPHOROTHIOATE	O(4bromo2chlorophenyl) Oethyl Spropyl phosphorothioate	41198087	Classified as 'fatal in contact with skin' (GHS H310).	
O-(4-BROMO-2-CHLOROPHENYL) O-ETHYL S-PROPYL PHOSPHOROTHIOATE	O(4bromo2chlorophenyl) Oethyl Spropyl phosphorothioate	41198087	Classified as 'toxic in contact with skin' (GHS H311).	
O-(4-BROMO-2-CHLOROPHENYL) O-ETHYL S-PROPYL PHOSPHOROTHIOATE	O(4bromo2chlorophenyl) Oethyl Spropyl phosphorothioate	41198087	Classified as 'toxic if inhaled' (GHS H331).	
O-(4-BROMO-2-CHLOROPHENYL) O-ETHYL S-PROPYL PHOSPHOROTHIOATE	O(4bromo2chlorophenyl) Oethyl Spropyl phosphorothioate	41198087	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-ACETOACETOTOLUIDIDE	2-methylacetoacetanilide	93685	Classified as 'fatal if inhaled' (GHS H330).	
O-ACETOTOLUIDIDE, 2-CHLORO-6'-ETHYL-N-(2-METHOXY-1-METHYLETHYL)-	Metolachlor	51218452	EPA IRIS 'possible carcinogen'.	
O-AMINOPHENOL	2 aminophenol [1]; bis(2hydroxylanilinium) sulfate [2]; 2Aminophenol Hydrochloride [3]	95556; 67845798; 51194	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
O-AMINOPHENOL	2aminophenol	95556	Classified as 'suspected of causing genetic defects' (GHS H341).	
O-AMINOPHENOL SULFATE	2 aminophenol [1]; bis(2hydroxylanilinium) sulfate [2]; 2Aminophenol Hydrochloride [3]	95556; 67845798; 51194	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
O-ANISIDINE, 4-NITRO-	4nitroanisidine	97529	Classified as 'suspected of causing cancer' (GHS H351).	
O-ANISIDINE, HYDROCHLORIDE	oAnisidine hydrochloride	134292	California Proposition 65 listed for cancer	
O-ANISIDINE, HYDROCHLORIDE	oAnisidine Hydrochloride (see oAnisidine and Its Hydrochloride)	134292	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
O-ANISIDINE, HYDROCHLORIDE	orthoAnisidine hydrochloride (see also orthoAnisidine)	134292	Listed as an IARC Group 2A Carcinogen	
O-ANISIDINE, HYDROCHLORIDE	oAnisidine hydrochloride	134292	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
O-ANISIDINE, HYDROCHLORIDE	O-ANISIDINE, HYDROCHLORIDE	134292	Probably carcinogenic to humans' IARC (Category 2A, Volume 127, 2021)	
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'may cause genetic defects' (GHS H340).	
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'may cause cancer' (GHS H350).	
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'may damage fertility or the unborn child' (GHS H360).	
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-CRESOL	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	95487	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-CRESOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95487	Classified as 'may cause genetic defects' (GHS H340).	
O-CRESOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95487	Classified as 'may cause cancer' (GHS H350).	
O-CRESOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95487	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
O-CRESOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95487	Classified as 'toxic in contact with skin' (GHS H311).	
O-CRESOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-CRESOL	2Methylphenol	95487	EPA IRIS 'possible carcinogen'.	
O-CRESOL	2Methylphenol	95487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-CRESOL	2Methylphenol	95487	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-CRESOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	95487	Classified as 'suspected of causing genetic defects' (GHS H341).	
O-CRESOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	95487	Classified as 'toxic in contact with skin' (GHS H311).	
O-CRESOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	95487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-CRESOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	95487	Classified as 'fatal if inhaled' (GHS H330).	
O-CRESOL	oCresol	95487	Classified as 'toxic in contact with skin' (GHS H311).	
O-CRESOL	oCresol	95487	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-CRESOL, 4,4'-THIOBIS(6-T-BUTYL-	Phenol, 4,4' thiobis[2(1,1dimethylethyl)6methyl	96662	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
O-CRESOL, ALPHA,ALPHA'-(PROPYLENEDINITRIL)DI-	_,_propylenedinitrioldiacresol	94917	Classified as 'may damage fertility or the unborn child' (GHS H360).	
O-CYMEN-5-OL	4Isopropylmresol	32280202	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-ETHYLHYDROXYLAMINE	Oethylhydroxylamine	624862	Classified as 'toxic in contact with skin' (GHS H311).	
O-ETHYLHYDROXYLAMINE	Oethylhydroxylamine	624862	Classified as 'toxic if inhaled' (GHS H331).	
O-ETHYLHYDROXYLAMINE	Oethylhydroxylamine	624862	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-PHENYLENEDIAMINE	o Phenylenediamine and its salts	95545	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
O-PHENYLENEDIAMINE	ophenylenediamine	95545	California Proposition 65 listed for cancer	
O-PHENYLENEDIAMINE	ophenylenediamine	95545	Classified as 'suspected of causing genetic defects' (GHS H341).	
O-PHENYLENEDIAMINE	ophenylenediamine	95545	Classified as 'suspected of causing cancer' (GHS H351).	
O-PHENYLENEDIAMINE	ophenylenediamine	95545	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-PHENYLENEDIAMINE	oPhenylenediamine and its salts	95545	California Proposition 65 listed for cancer	
O-PHENYLENEDIAMINE	oPhenylenediamine and its salts	95545	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
O-PHENYLENEDIAMINE	orthoPhenylenediamine	95545	Listed as an IARC Group 2B Carcinogen	
O-PHENYLENEDIAMINE DIHYDROCHLORIDE	orthoPhenylenediamine dihydrochloride	615281	Listed as an IARC Group 2B Carcinogen	
O-PHENYLENEDIAMINE, 4-CHLORO-	4Chloro<i>ortho</i>phenylenediamine	95830	Possibly carcinogenic to humans' IARC (Category 2B, Volume 27, Sup 7 1987)	
O-PHENYLENEDIAMINE, 4-CHLORO-	4Chloroophenylenediamine	95830	California Proposition 65 listed for cancer	
O-PHENYLENEDIAMINE, 4-CHLORO-	4Chloroophenylenediamine	95830	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
O-PHENYLENEDIAMINE, 4-CHLORO-	4Chloroophenylenediamine	95830	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
O-TOLUENESULFONAMIDE	Toluene2sulphonamide	88197	Classified as 'suspected of causing cancer' (GHS H351).	
O-TOLUIDINE	<i>ortho</i>Toluidine	95534	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 77, 99, 100F 2012)	
O-TOLUIDINE	oToluidine	95534	California Proposition 65 listed for cancer	
O-TOLUIDINE	oToluidine	95534	Classified as 'suspected of causing genetic defects' (GHS H341).	
O-TOLUIDINE	oToluidine	95534	Classified as 'may cause cancer' (GHS H350).	
O-TOLUIDINE	oToluidine	95534	Classified as 'toxic if inhaled' (GHS H331).	
O-TOLUIDINE	oToluidine	95534	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
O-TOLUIDINE	oToluidine (see oToluidine and Its Hydrochloride)	95534	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
O-TOLUIDINE	Toluidines, their isomers, salts and halogenated and sulfonated derivatives except 4hydroxy2nitrotoluidine and hydroxyethyl2nitrotoluidine	26915128; 95534	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
O-TOLUIDINE	oToluidine	95534	Listed on the 14th Report on Carcinogens as a known carcinogen	
O-TOLUIDINE, 3-CHLORO-	3chlorootoluidine	87605	Classified as 'toxic in contact with skin' (GHS H311).	
O-TOLUIDINE, 3-CHLORO-	3chlorootoluidine	87605	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-TOLUIDINE, 3-CHLORO-	3chlorootoluidine	87605	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
O-TOLUIDINE, 4-CHLORO-	4Chloro<i>ortho</i>toluidine	95692	Probably carcinogenic to humans' IARC (Category 2A, Volume 77, 99 2010)	
O-TOLUIDINE, 4-CHLORO-	pChlorootoluidine	95692	California Proposition 65 listed for cancer	
O-TOLUIDINE, 4-CHLORO-	pChlorootoluidine (see pChlorootoluidine and Its Hydrochloride)	95692	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
O-TOLUIDINE, 4-CHLORO-	pChlorootoluidine	95692	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE	pChlorootoluidine Hydrochloride (see pChlorootoluidine and Its Hydrochloride)	3165933	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE	pChlorootoluidine, hydrochloride	3165933	California Proposition 65 listed for cancer	
O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE	pChlorootoluidine Hydrochloride	3165933	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
O-TOLUIDINE, 4-NITRO-	4nitrotoluidine	99525	Classified as 'toxic in contact with skin' (GHS H311).	
O-TOLUIDINE, 4-NITRO-	4nitrotoluidine	99525	Classified as 'toxic if inhaled' (GHS H331).	
O-TOLUIDINE, 5-CHLORO-	5chlorootoluidine	95794	Classified as 'may cause cancer' (GHS H350).	
O-TOLUIDINE, 5-CHLORO-	5chlorootoluidine	95794	Classified as 'suspected of causing cancer' (GHS H351).	
O-TOLUIDINE, 5-NITRO-	5 Nitrotoluidine [1]; 5Nitrotoluidine hydrochloride [2]	99558; 51085520	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
O-TOLUIDINE, 5-NITRO-	5Nitrotoluidine	99558	Classified as 'suspected of causing cancer' (GHS H351).	
O-TOLUIDINE, 5-NITRO-	5Nitrotoluidine	99558	Classified as 'toxic in contact with skin' (GHS H311).	
O-TOLUIDINE, 5-NITRO-	5Nitrotoluidine	99558	Classified as 'toxic if inhaled' (GHS H331).	
O-TOLUIDINE, 5-NITRO-, HYDROCHLORIDE	5 Nitrotoluidine [1]; 5Nitrotoluidine hydrochloride [2]	99558; 51085520	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
O-TOLUIDINE, HYDROCHLORIDE	oToluidine hydrochloride	636215	California Proposition 65 listed for cancer	
O-XYLENE, ALPHA,ALPHA'-DICHLORO-	1,2bis(chloromethyl)benzene	612124	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
O-XYLENE, ALPHA,ALPHA'-DICHLORO-	1,2bis(chloromethyl)benzene	612124	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OAKMOSS CONCRETE	Oakmoss Extracts	90028685; 9000504; 68917102	EU cosmetics ban	
OCTADECANOIC ACID, CADMIUM SALT	Cadmium Compounds	2223930	Listed on the 14th Report on Carcinogens as a known carcinogen	
OCTADECANOYL CHLORIDE	Stearoyl chloride	112765	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OCTADECENEDIOLIC ACID	cis9cis12octadecadienedioic acid; DIOIC ACID; hexadecanedioic acid; octadecanedioic acid; reaction mass of: cis9octadecenedioic acid; DIOIC ACID; DIOIC DCA; O.D.A. WHITE	20701682	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Octadecenoic acid, reaction products with triethanolamine, di-Me sulphate quaternized	Octadecenoic Acid, Reaction Products With Triethanolamine, DiMe Sulphate Quaternized	30501010	Ethanolamines can cause asthma, and contain harmful impurities	
Octadecenoic acid, reaction products with triethanolamine, di-Me sulphate quaternized	Octadecenoic Acid, Reaction Products With Triethanolamine, DiMe Sulphate Quaternized	85408124	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
OCTAFLUOROPENTYL METHACRYLATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
OCTAHYDRO-TETRAMETHYL-1-NAPHTHALENOL	(1R,4aS,8R,8aS)2,2,6,8tetramethyl1,2,3,4,4a,5,8,8aoctahydronaphthalen1ol	103614864; 369634220	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	111659	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
OCTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	111659	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
OCTANE	2,2,4trimethylpentane; cyclooctane; octane	111659	Classified as 'may cause genetic defects' (GHS H340).	
OCTANE	2,2,4trimethylpentane; cyclooctane; octane	111659	Classified as 'may cause cancer' (GHS H350).	
OCTANE	2,2,4trimethylpentane; cyclooctane; octane	111659	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
OCTANE	2,2,4trimethylpentane; cyclooctane; octane	111659	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
OCTANE	Octane	111659	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
OCTANE	Octane	111659	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTANE, 1-BROMO-	1Bromooctane	111831	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTANE, 1-CHLORO	1Chlorooctane	111853	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
OCTANOIC ACID, 6,8-DICHLORO-, ETHYL ESTER	ethyl 6,8dichlorooctanoate	1070640	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
OCTANOIC ACID, CADMIUM SALT (2:1)	Cadmium Compounds	2191108	Listed on the 14th Report on Carcinogens as a known carcinogen	
OCTANOIC ACID, PENTAFLUORO-, AMMONIUM SALT	Ammonium Perfluorooctanoate (APFO)	3825261	EWG F scoring ingredient under any condition of use.	
OCTANOIC ACID, ZINC SALT (2:1)	Zinc dioctanoate	557095	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTANOYL CHLORIDE	Octanoyl chloride	111648	Classified as 'fatal if inhaled' (GHS H330).	
OCTENE	Oct1ene	111660	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTENE	Octene	25377837	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTENIDINE HCL	N,N'(decane1,10diyldi1(4H)pyridyl4ylidene)bis(octylammonium) dichloride	70775756	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTINOXATE	2ethylhexyl4methoxycinnamate	5466773	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
OCTRIZOLE	2(2Hbenzotriazol2yl)4(1,1,3,3tetramethylbutyl)phenol	3147759	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylnoctylamine	34423546	California Proposition 65 listed for cancer	
OCTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylnoctylamine	34423546	California Prop65 Chemical (cancer)	
OCTYLISOTHIAZOLINONE	2octyl2Hisothiazol3one	26530201	Classified as 'toxic in contact with skin' (GHS H311).	
OCTYLISOTHIAZOLINONE	2octyl2Hisothiazol3one	26530201	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OCTYLISOTHIAZOLINONE	2octyl2Hisothiazol3one	26530201	Classified as 'toxic if inhaled' (GHS H331).	
OCTYLISOTHIAZOLINONE	2octyl2Hisothiazol3one	26530201	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OCTYLISOTHIAZOLINONE	Octylisothiazolinone	26530201	Isothiazolinones are extreme sensitizing ingredients and can cause contact dermatitis.	
Octylphosphonic Acid	octylphosphonic acid	4724485	Phosphates and phosphorus can increase eutrophication and are damaging to the aquatic environment.	
Octylphosphonic Acid	octylphosphonic acid	4724485	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OILS, BOLDO LEAF	Boldo oil	8022819	Prohibited by the International Fragrance Association for use in fragrance.	
OILS, JUNIPERUS PHOENICEA	Juniperus sabina L. leaves, essential oil and galenical preparations	68916949	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Oils, styrax	Styrax (Crude)	8024019; 8046193	Prohibited by the International Fragrance Association for use in fragrance.	
Oils, treemoss, resinoid	Treemoss Extracts	90028674; 68648419; 68917408	EU cosmetics ban	
OLEALKONIUM CHLORIDE	Olealkonium Chloride	37139994	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
OLEAMIDE DEA	OLEAMIDE DEA	93834	Ethanolamines can cause asthma, and contain harmful impurities	
OLEAMIDOPROPYL DIMETHYLAMINE	N[3(dimethylamino)propyl]oleamide	109284	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OLEAMIDOPROPYL DIMETHYLAMINE	N[3(dimethylamino)propyl]oleamide	109284	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OLEAMINE	(Z)octadec9enylamine C1618(even numbered saturated and unsaturated)alkylamines; (Z)octadec9enylamine, C1618(even numbered, saturated and unsaturated)alkylamines; C1618(even numbered, saturated and unsaturated)alkylamines; Oleylamine; Ol	1213789639	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OLEAMINE	(Z)octadec9enylamine C1618(even numbered saturated and unsaturated)alkylamines; (Z)octadec9enylamine, C1618(even numbered, saturated and unsaturated)alkylamines; C1618(even numbered, saturated and unsaturated)alkylamines; Oleylamine; Ol	1213789639	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OLEAN-12-ENE-28,29-DIOIC ACID, 2,23-DIHYDROXY-3-((-4-O-BETA-D-GLUCOPYRANOSYL-BETA-D-	Phytolacca spp. and their preparations	65497076; 60820942	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
OLEAN-12-ENE-28,29-DIOIC ACID, 2,23-DIHYDROXY-3-(BETA-D-XYLOPYRANOSYLOXY)-, 29-METHYL ESTER,	Phytolacca spp. and their preparations	65497076; 60820942	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
OLEYL HYDROXYETHYL IMIDAZOLINE	2(2heptadec8enyl2imidazol1yl)ethanol	95385	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OLEYL HYDROXYETHYL IMIDAZOLINE	2(2heptadec8enyl2imidazol1yl)ethanol	95385	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OLIVINE	OLIVINE	1317711	Europe prohibits this ingredient in cosmetics	
OMETHOATE	Omethoate	1113026	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ORTHO-XYLENE	1,2xylene; 1methylnaphthalene; 1HIndene; 2,3dihydro1HIndene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95476	Classified as 'may cause genetic defects' (GHS H340).	
ORTHO-XYLENE	1,2xylene; 1methylnaphthalene; 1HIndene; 2,3dihydro1HIndene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95476	Classified as 'may cause cancer' (GHS H350).	
ORTHO-XYLENE	1,2xylene; 1methylnaphthalene; 1HIndene; 2,3dihydro1HIndene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95476	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ORTHO-XYLENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95476	Classified as 'toxic in contact with skin' (GHS H311).	
ORTHO-XYLENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	95476	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Oxacyclohexadecenone	A mixture of: (E)oxacyclohexadec12en2one; (E)oxacyclohexadec13en2one; a) (Z)oxacyclohexadec(12)en2one and b) (Z)oxacyclohexadec(13)en2one	34902573; 111879802	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Oxacyclopentadec-10-en-2-one, 13-methyl-	Oxacyclopentadec10en2one, 13methyl; ; NIRVANOLIDE	329925339	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OXADIARGYL	Oxadiargyl (ISO)	39807153	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
OXALONITRILE	Oxalonitrile	460195	Classified as 'fatal if inhaled' (GHS H330).	
OXALONITRILE	Oxalonitrile	460195	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
OXAZOLIDINE, 3-(DICHLOROACETYL)-5-(2-FURANYL)-2,2-DIMETHYL-	MON 13900 (furalazole)	121776338	California Proposition 65 listed for cancer	
OXIRANE, ((1,1-DIMETHYLETHOXY)METHYL)-	(tertbutoxymethyl)oxirane	7665727	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
OXIRANE, (CHLOROMETHYL)-, (S)-	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'may cause cancer' (GHS H350).	
OXIRANE, (CHLOROMETHYL)-, (S)-	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'toxic in contact with skin' (GHS H311).	
OXIRANE, (CHLOROMETHYL)-, (S)-	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
OXIRANE, (CHLOROMETHYL)-, (S)-	(2S)2(chloromethyl)oxirane	106898; 67843747	Classified as 'fatal if inhaled' (GHS H330).	
OXIRANEMETHANAMINE, N-(4-(OXIRANYLMETHOXY)PHENYL)-N-(OXIRANYLMETHYL)-	p(2,3epoxypropoxy)N,Nbis(2,3epoxypropyl)aniline	5026744	Classified as 'suspected of causing genetic defects' (GHS H341).	
OXIRANEMETHANAMINE, N-(4-(OXIRANYLMETHOXY)PHENYL)-N-(OXIRANYLMETHYL)-	p(2,3epoxypropoxy)N,Nbis(2,3epoxypropyl)aniline	5026744	Classified as 'suspected of causing cancer' (GHS H351).	
OXIRANEMETHANOL, 4-METHYLBENZENE-SULFONATE, (S)-	Oxiranemethanol, 4 methylbenzenesulfonate, (S)	70987789	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
OXIRANEMETHANOL, 4-METHYLBENZENE-SULFONATE, (S)-	oxiranemethanol, 4methylbenzenesulfonate, (S)	70987789	Classified as 'suspected of causing genetic defects' (GHS H341).	
OXIRANEMETHANOL, 4-METHYLBENZENE-SULFONATE, (S)-	oxiranemethanol, 4methylbenzenesulfonate, (S)	70987789	Classified as 'may cause cancer' (GHS H350).	
OXYDEMOTON-METHYL	Oxydemeton methyl	301122	California Proposition 65 listed for female, male	
OXYDIETHYLENE DINITRATE	oxydiethylene dinitrate	693210	Classified as 'fatal in contact with skin' (GHS H310).	
OXYDIETHYLENE DINITRATE	oxydiethylene dinitrate	693210	Classified as 'fatal if inhaled' (GHS H330).	
OXYQUINOLINE	Hydroxy 8quinoline and its sulphate, except for the uses provided for in No 51 in Annex III	148243; 134316	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
OXYQUINOLINE	Quinolin8ol	148243	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
oxyquinoline	oxyquinoline	148-24-3	These ingredients are classified as carcinogenic, mutagenic, or as reproductive toxicants	X
OZONE	Ozone	10028156	Classified as 'suspected of causing genetic defects' (GHS H341).	
OZONE	Ozone	10028156	Classified as 'fatal if inhaled' (GHS H330).	
OZONE	Ozone	10028156	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-ACETOTOLUIDIDE, 2-CHLORO-	2chloroN(4methylphenyl)acetamide	16634825	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-AMINOPHENOL	4aminophenol	123308	Classified as 'suspected of causing genetic defects' (GHS H341).	
P-AMINOPHENOL	4aminophenol	123308	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-ANISIDINE	pAnisidine	104949	Classified as 'may cause cancer' (GHS H350).	
P-ANISIDINE	pAnisidine	104949	Classified as 'fatal in contact with skin' (GHS H310).	
P-ANISIDINE	pAnisidine	104949	Classified as 'fatal if inhaled' (GHS H330).	
P-ANISIDINE	panisylamine	2393239	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-BENZOQUINONE, 2,5-BIS(1-AZIRIDINYL)-3,6-DIPROPOXY-	Inproquone	436408	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
P-BENZOQUINONE, 2,5-BIS(1-AZIRIDINYL)-3,6-DIPROPOXY-	Inproquone (INN)	436408	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
P-CHLOROPHENOL	4Chlorophenol	106489	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-CRESOL	1,2dihydroacenaaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'may cause genetic defects' (GHS H340).	
P-CRESOL	1,2dihydroacenaaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'may cause cancer' (GHS H350).	
P-CRESOL	1,2dihydroacenaaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'may damage fertility or the unborn child' (GHS H360).	
P-CRESOL	1,2dihydroacenaaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'toxic in contact with skin' (GHS H311).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
P-CRESOL	1,2dihydroacnaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-CRESOL	1,2dihydroacnaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	106445	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-CRESOL	3methylphenol; 4methylphenol	106445	Classified as 'toxic in contact with skin' (GHS H311).	
P-CRESOL	3methylphenol; 4methylphenol	106445	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-CRESOL	4Methylphenol	106445	EPA IRIS 'possible carcinogen'.	
P-CRESOL	pcresol	106445	Classified as 'toxic in contact with skin' (GHS H311).	
P-CRESOL	pcresol	106445	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-CRESOL, 2-NITRO-	Nitrocresols and their alkali metal salts	12167203; 119335; 4920778; 2042140; 2581342; 5428546; 700389; 2666764	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
P-CRESOL, 2,6-DI-TERT-BUTYL-ALPHA-(DIMETHYLAMINO)-	2,6ditertbutyl_dimethylaminopresol	88277	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
p-Isobutyl-alpha-methyl hydrocinnamaldehyde	3(pcumenyl)2methylpropionaldehyde	6658486; 67715804	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
p-ISOPROPYLPHENOL	pisopropylphenol	99898	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
p-METHYLHYDROCINNAMIC ALDEHYDE	PMETHYLHYDROCINNAMIC ALDEHYDE	5406122	Prohibited by the International Fragrance Association for use in fragrance.	
P-PHENETIDINE	p Phenetidine (4Ethoxyaniline)	156434	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
P-PHENETIDINE	pphenetidine	156434	Classified as 'suspected of causing genetic defects' (GHS H341).	
P-PHENYLENEDIAMINE	pphenylenediamine	106503	Classified as 'toxic in contact with skin' (GHS H311).	
P-PHENYLENEDIAMINE	pphenylenediamine	106503	Classified as 'toxic if inhaled' (GHS H331).	
P-PHENYLENEDIAMINE	pphenylenediamine	106503	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-PHENYLENEDIAMINE SULFATE P-PHENYLENEDIAMINE SULFATE	Benzene1,4diammonium sulphate	16245775	Classified as 'toxic in contact with skin' (GHS H311).	
P-PHENYLENEDIAMINE SULFATE P-PHENYLENEDIAMINE SULFATE	Benzene1,4diammonium sulphate	16245775	Classified as 'toxic if inhaled' (GHS H331).	
P-PHENYLENEDIAMINE SULFATE P-PHENYLENEDIAMINE SULFATE	Benzene1,4diammonium sulphate	16245775	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-PHENYLENEDIAMINE, 2-METHOXY-	1Methoxy2,5diaminobenzene and their salts	5307028	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
P-PHENYLENEDIAMINE, N-(1,3-DIMETHYLBUTYL)-N'-PHENYL-	N1,3dimethylbutylN'phenylpphenylenediamine	793248	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-PHENYLENEDIAMINE, N,N'-(DI-2-NAPHTHYL)-	1,4Benzenediamine, N,N'di2naphthalenyl	93469	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
P-PHENYLENEDIAMINE, N,N'-BIS(1,4-DIMETHYLPENTYL)-	N,N'bis(1,4dimethylpentyl)pphenylenediamine	3081149	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
P-PHENYLENEDIAMINE, N,N'-DI-SEC-BUTYL-	N,N'disecbutylpphenylenediamine	101962	Classified as 'toxic in contact with skin' (GHS H311).	
P-PHENYLENEDIAMINE, N,N'-DI-SEC-BUTYL-	N,N'disecbutylpphenylenediamine	101962	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-PHENYLENEDIAMINE, N,N'-DI-SEC-BUTYL-	N,N'disecbutylpphenylenediamine	101962	Classified as 'toxic if inhaled' (GHS H331).	
P-PHENYLENEDIAMINE, N,N'-DI-SEC-BUTYL-	N,N'disecbutylpphenylenediamine	101962	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
p-tert-BUTYL-alpha-METHYLHYDROCINNAMAL /METHYLANTHRANILATE SCHIFF BASE	Methyl 2[[3[4(1,1dimethylethyl)phenyl]2methylpropylidene]amino]benzoate	91510	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
p-tert-BUTYLPHENYLISOBUTANOL	3(ptertButylphenyl)2methylpropanol	56107041	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-	Procarbazine	671169	California Proposition 65 listed for cancer	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-	Procarbazine (see Procarbazine and Its Hydrochloride)	671169	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-	Procarbazine	671169	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE	Procarbazine hydrochloride	366701	California Proposition 65 listed for developmental	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE	Procarbazine hydrochloride	366701	California Proposition 65 listed for cancer	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE	Procarbazine hydrochloride	366701	Probably carcinogenic to humans' IARC (Category 2A, Volume 26, Sup 7 1987)	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE	Procarbazine Hydrochloride (see Procarbazine and Its Hydrochloride)	366701	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
P-TOLUAMIDE, N-ISOPROPYL-ALPHA-(2-METHYLHYDRAZINO)-, MONOHYDROCHLORIDE	Procarbazine hydrochloride	366701	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
P-TOLUENEBORONIC ACID, CYCLIC 2-METHYL-2-PROPYLTRIMETHYLENE ESTER	Tolboxane	2430488	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
P-TOLUENEBORONIC ACID, CYCLIC 2-METHYL-2-PROPYLTRIMETHYLENE ESTER	Tolboxane (INN)	2430468	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
P-TOLUENESULFONIC ACID, METHYL ESTER	Methyl toluene4sulphonate	80488	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-TOLUIDINE	pToluidine	106490	Classified as 'suspected of causing cancer' (GHS H351).	
P-TOLUIDINE	pToluidine	106490	Classified as 'toxic in contact with skin' (GHS H311).	
P-TOLUIDINE	pToluidine	106490	Classified as 'toxic if inhaled' (GHS H331).	
P-TOLUIDINE	pToluidine	106490	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
P-TOLUIDINE, 2-NITRO-	2nitroptoluidine	89623	Classified as 'toxic in contact with skin' (GHS H311).	
P-TOLUIDINE, 2-NITRO-	2nitroptoluidine	89623	Classified as 'toxic if inhaled' (GHS H331).	
P-TOLUIDINE, 3-CHLORO-	3chloroptoluidine	95749	Classified as 'toxic in contact with skin' (GHS H311).	
P-TOLUIDINE, 3-CHLORO-	3chloroptoluidine	95749	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
P-TOLUIDINE, 3-NITRO-	3nitroptoluidine	119324	Classified as 'toxic in contact with skin' (GHS H311).	
P-TOLUIDINE, 3-NITRO-	3nitroptoluidine	119324	Classified as 'toxic if inhaled' (GHS H331).	
P-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-	α,α,α-trifluoroptoluidine	455141	Classified as 'toxic if inhaled' (GHS H331).	
P-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-	α,α,α-trifluoroptoluidine	455141	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
P-TOLUIDINE, ALPHA,ALPHA,ALPHA-TRIFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
P-TOLUIDINE, HYDROCHLORIDE	Toluidinium chloride	540238	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
P-TOLUIDINE, N-(2-CHLOROETHYL)-2,6-DINITRO-N-PROPYL-ALPHA,ALPHA,ALPHA-TRIFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
P-TOLUIDINE, N-BUTYL-N-ETHYL-ALPHA,ALPHA,ALPHA-TRIFLUORO-2,6-DINITRO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
P-TOLUNITRILE	ptolunitrile	104858	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
P-TOLUOYL CHLORIDE	ptoluoyl chloride	874602	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
p-VINYLPHENOL	PVINYLPHENOL	2628173	Classified as 'fatal in contact with skin' (GHS H310).	
p-VINYLPHENOL	PVINYLPHENOL	2628173	Classified as 'toxic in contact with skin' (GHS H311).	
p-VINYLPHENOL	PVINYLPHENOL	2628173	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
p-VINYLPHENOL	PVINYLPHENOL	2628173	Classified as 'fatal if inhaled' (GHS H330).	
p-VINYLPHENOL	PVINYLPHENOL	2628173	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
P-XYLENE, 2-NITRO-	2nitropxylyene	89587	Classified as 'fatal in contact with skin' (GHS H310).	
P-XYLENE, 2-NITRO-	2nitropxylyene	89587	Classified as 'fatal if inhaled' (GHS H330).	
P-XYLENE, ALPHA,ALPHA'-DICHLORO-	α,α'-dichloropxylyene	623256	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
P-XYLENE, ALPHA,ALPHA'-DICHLORO-	α,α'-dichloropxylyene	623256	Classified as 'fatal if inhaled' (GHS H330).	
P-XYLENE, ALPHA,ALPHA'-DICHLORO-	α,α'-dichloropxylyene	623256	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PABA	4 Aminobenzoic acid and its esters, with the free amino group	150130	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PADIMATE O	2Ethylhexyl 4(dimethylamino)benzoate	21245023	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PALLADATE(1-), TETRACHLORO-, SODIUM, TRIHYDRATE	Disodium tetrachloropalladate	13820536	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PALLADATE(2-), HEXACHLORO-, DIPOASSIUM	Dipotassium hexachloropalladate	16919736	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PALLADIUM, DIAMMINEDICHLORO-	Diamminedichloropalladium	14323434	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PALLADIUM(2+), TETRAAMMINE-, (SP-4-1)-, CARBONATE (1:2)	palladium(2+) tetraamine dihydrogen carbonate	134620001	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PALM KERNELAMIDE DEA	PALM KERNELAMIDE DEA	73807155	Ethanolamines can cause asthma, and contain harmful impurities	
PALM KERNELAMIDE MEA	PALM KERNELAMIDE MEA		Ethanolamines can cause asthma, and contain harmful impurities	
PALMITAMIDOPROPYLTRIMONIUM CHLORIDE	PALMITAMIDOPROPYLTRIMONIUM CHLORIDE	51277964	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
PANAX GINSENG (GINSENG) ROOT	Panax ginseng	50647080	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PANCREATIN	Pancreatin	8049476	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PANCREATIN	Pancreatin	8049476	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PANTHENYL HYDROXYPROPYL STEARDIMONIUM CHLORIDE	PANTHENYL HYDROXYPROPYL STEARDIMONIUM CHLORIDE	132467766	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
PAPAIN	papain	9001734	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PAPAVERINE	papaverine	58742	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED	Chlorinated Paraffins	108171262	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED (C12, 60% CHLORINE)	Chlorinated paraffins (Average chain length, C12;approximately 60 percent chlorine by weight)	108171262	California Proposition 65 listed for cancer	
PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED (C12, 60% CHLORINE)	Chlorinated Paraffins (C12, 60% Chlorine)	108171262	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PARAFFIN WAXES AND HYDROCARBON WAXES, CHLORINATED (C12, 60% CHLORINE)	Chlorinated Paraffins	108171262	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PARAFFINS, PETROLEUM, NORMAL C5-20	Paraffins (petroleum), normal C520	64771728	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PARAFORMALDEHYDE	Paraformaldehyde	30525894	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PARAQUAT DICHLORIDE	Paraquat	1910425	EPA IRIS 'possible carcinogen'.	
PARATHION	O,O' DiethylO4nitrophenyl phosphorothioate (Parathion ISO)	56382	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PARATHION	Parathion	56382	California Proposition 65 listed for cancer	
PARATHION	Parathion	56382	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PARATHION	Parathion	56382	EPA IRIS 'possible carcinogen'.	
PARATHION	Parathion	56382	Possibly carcinogenic to humans' IARC (Category 2B, Volume 30, Sup 7, 112 2017)	
PARATHION	Parathion	56382	Listed as an IARC Group 2B Carcinogen	
PARATHION	Parathion	56382	California Prop65 Chemical (cancer)	
PECTIN	Pectin	9000695	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PEG-10 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PEG-15 COCOMONIUM CHLORIDE	Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791104	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
PEG-15 DEDM HYDANTOIN	MEA Borate	68130121	Ethanolamines can cause asthma, and contain harmful impurities	
PEG-2 COCOMONIUM CHLORIDE	Peg2 Coconium Chloride	70750479	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
PEG-2 OLEAMINE	2,2'(octadec9enylimino)bisethanol	25307179	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PEG-2 OLEAMINE	2,2'(octadec9enylimino)bisethanol	25307179	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PEG-2 OLEAMMONIUM CHLORIDE	Bis(hydroxyethyl)methylethylammonium chloride	18448652	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PEG-2 TALLOWAMIDE DEA	Peg2 Tallowamide Dea		Ethanolamines can cause asthma, and contain harmful impurities	
PEG-20 COCAMIDE MEA	Peg20 Cocamide Mea		Ethanolamines can cause asthma, and contain harmful impurities	
PEG-3 2,2'-DI-P-PHENYLENEDIAMINE	PEG 3,2',2'diphenylenediamine	144644133	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PEG-3 COCAMIDE DEA	Peg3 Cocamide Dea		Ethanolamines can cause asthma, and contain harmful impurities	
PEG-4 TRIETHANOLAMINE	Peg4 Triethanolamine		Ethanolamines can cause asthma, and contain harmful impurities	
PEG-4 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PEG-5 COCAMIDE	Coconut fatty acid monoethanolamide 45 EO	61791080	Ethanolamines can cause asthma, and contain harmful impurities	
PEG-8 TALLOW AMINE	Tallow amine, Ethoxylated	61791262	Animal based tallow and lard ingredients are prohibited.	
PEG-9 COCAMIDE MEA	Peg9 Cocamide Mea		Ethanolamines can cause asthma, and contain harmful impurities	
PELARGONIC ACID	nonanoic acid	112050	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PELLETIERINE	Pelletierine and its salts	2858664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PELLETIERINE	Pelletierine and its salts	2858664; 4396014	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENDIMETHALIN	Pendimethalin	40487421	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
Pendimethalin	N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidene	40487-42-1	This ingredient is banned the European Union	X
PENTACHLOROBENZENE	PCB	1336363	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PENTACHLOROBENZENE	pentachlorobenzene	608935	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PENTACHLOROBENZENE	pentachlorobenzene	608935	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
PENTACHLOROETHANE	pentachloroethane	76017	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PENTACHLOROETHANE	pentachloroethane	76017	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENTACHLOROPHENOL	pentachlorophenol	87865	California Proposition 65 listed for cancer	
PENTACHLOROPHENOL	pentachlorophenol	87865	EPA IRIS 'likely carcinogenic'.	
PENTACHLOROPHENOL	Pentachlorophenol (PCP)	87865	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PENTACHLOROPHENOL	Pentachlorophenol (see also Polychlorophenols)	87865	Carcinogenic to humans' IARC (Category 1, Volume 53, 71, 117 in prep.)	
PENTACHLOROPHENOL	Pentachlorophenol (see Pentachlorophenol and Byproducts of Its Synthesis)	87865	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PENTACHLOROPHENOL	Pentachlorophenol [1]; Sodium pentachlorophenolate [2]; Potassium pentachlorophenolate [3]	87865; 131522; 7778736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENTACHLOROPHENOL	Pentachlorophenol (see also Polychlorophenols)	87865	Listed as an IARC Group 1 Carcinogen	
PENTACHLOROPHENOL	pentachlorophenol	87865	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PENTADECYL ALCOHOL	11ethyltridecan1ol; 2ethylidodecan1ol; pentadecan1ol; tetradecan1ol	629765	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PENTADECYL ALCOHOL	pentadecan1ol; tetradecan1ol	75782875	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PENTAERYTHRITOL TETRANITRATE	Pentaerythrityl tetranitrate (INN)	78115	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENTAERYTHRITOL TETRANITRATE	Pentaerythrityl tetranitrate	78115	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PENTAERYTHRITYL TETRA-DI-T-BUTYL HYDROXYHYDROCINNAMATE	PENTAERYTHRITYL TETRADITBUTYL HYDROXYHYDROCINNAMATE	6683198	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
PENTAFLUOROPROPANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PENTAMETHYLHEPTANE	2,2,4,6,6pentamethylheptane	13475826	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTAMETHYLHEPTANE	2,2,4,6,6pentamethylheptane	13475826	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PENTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	109660	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PENTANE	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	109660	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTANE	pentane	109660	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTANE, 1,2-EPOXY-	Propyloxirane	1003141	Classified as 'suspected of causing cancer' (GHS H351).	
PENTANE, 2-METHYL-	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	107835	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PENTANE, 2-METHYL-	2methylbutane; 2methylheptane; 2methylhexane; 2methylpentane; heptane; hexane; octane; pentane	107835	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTANE, 2-METHYL-	2methylpentane	107835	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTANE, 2-METHYL-	2methylpentane; heptane	848301655	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PENTANE, 2-METHYL-	2methylpentane; heptane	848301655	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PENTANE, 2-METHYL-	2methylpentane; heptane	848301655	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PENTANOYL CHLORIDE, 4-METHYL-	4methylvaleryl chloride	38136297	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PENTAPEPTIDE-34 TRIFLUOROACETATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PENTAPEPTIDE-34 TRIFLUOROACETATE	Per and polyfluorinated chemicals		Per and polyfluorinated chemicals persist in the environment and are toxic to human health.	
Pentapotassium 2,2',2'',2''',2''''-(ethane-1,2-diylnitrilo)pentaacetate	Pentapotassium 2,2',2'',2''',2''''-(ethane-1,2-diylnitrilo)pentaacetate	7216-95-7	This ingredient is banned the European Union	X
PENTASODIUM AMINOTRIMETHYLENE PHOSPHONATE	Phosphonic acid, P,P',P''[nitrilotris(methylene)]tri, sodium salt (1:5)	2235430	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
Pentasodium DTPA	Pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)tetraacetate	140012	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
Pentasodium DTPA	Pentasodium DTPA	140012	Non readily biodegradable chelating agent.	
Pentasodium DTPA	Pentasodium Pentetate	-642824	These ingredients are classified as carcinogenic, mutagenic, or as reproductive toxicants	X
Pentasodium Pentetate	Pentasodium (carboxylatomethyl)iminobis(ethylenenitrilo)tetraacetate; Pentasodium DTPA	-642824	This ingredient is banned the European Union	X
PENTETIC ACID	PENTETIC ACID	67436	Non readily biodegradable chelating agent.	
Pentetic Acid	N-carboxymethyliminobis(ethylenenitrilo)tetra(acetic acid);	67-43-6	This ingredient is banned the European Union	X
PENTYL DIMETHYL PABA	Amyl 4 dimethylaminobenzoate, mixed isomers (Padimate A (INN))	14779783	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENTYL DIMETHYL PABA	Pentyl dimethyl PABA, mixed isomers	14779783	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PENTYLAMINE	PENTYLAMINE	110587	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PENTYLAMINE	PENTYLAMINE	110587	Classified as 'toxic if inhaled' (GHS H331).	
PENTYLAMINE, 1,3-DIMETHYL-	1,3 Dimethylpentylamine and its salts	105419	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PENTYLAMINE, 1,3-DIMETHYL-	1,3Dimethylpentylamine and its salts	105419	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PENTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylpentylamine	13256070	California Proposition 65 listed for cancer	
PENTYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylpentylamine	13256070	California Prop65 Chemical (cancer)	
PERACETIC ACID	PERACETIC ACID	79210	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERACETIC ACID	PERACETIC ACID	79210	Classified as 'toxic if inhaled' (GHS H331).	
PERACETIC ACID	PERACETIC ACID	79210	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PERBORIC ACID, SODIUM SALT, MONOHYDRATE	perboric acid, sodium salt	10332339; 11138479; 12040721; 37244987	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PERBORIC ACID, SODIUM SALT, MONOHYDRATE	PERBORIC ACID, SODIUM SALT, MONOHYDRATE	10332339	According to the classification provided by companies to ECHA in REACH registrations this substance may damage fertility or the unborn child.	
PERCHLORIC ACID	Perchloric acid	7601903	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERCHLORIC ACID, CADMIUM SALT	Cadmium Compounds	13760377	Listed on the 14th Report on Carcinogens as a known carcinogen	
PERCHLORIC ACID, CHROMIUM(3+) SALT	Chromium Compounds	13537218	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PERCHLORIC ACID, NICKEL(2+) SALT, HEXAHYDRATE	Nickel Compounds	13520611	Listed on the 14th Report on Carcinogens as a known carcinogen	
PERFLUOROALCOHOL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluoroalkyl C6-12 Phosphonic Acid	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROALKYL PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROALKYLSILYL MICA	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluorobutane sulfonate potassium salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorobutanesulfonic acid	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCAPRYLYL BROMIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PERFLUOROCAPRYLYL TRIETHOXYSIYLETHYL METHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluorocarboxylates	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCYCLOBUTANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORODECALIN	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORODIMETHYLCYCLOHEXANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROHEPTANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluoroheptanoic acid	tridecafluoroheptanoic acid	375-85-9	This ingredient is banned the European Union	X
PERFLUOROHEXANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluorohexanoic acid	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROHEXYLETHYL DIMETHYLBUTYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROHEXYLETHYL TRIETHOXYSIANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROMETHYLCYCLOHEXANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROMETHYLCYCLOPENTANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROMETHYLDECALIN	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorononanoic acid	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorononanoic acid	Perfluorononanoic acid	375951	Europe prohibits this ingredient in cosmetics	
Perfluorononanoic acid	Perfluorononanoic acid	375951	California Proposition 65 listed for cancer	
PERFLUORONONYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYL OCTYDODECYL GLYCOL GRAPESEEDATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYL OCTYLDODECYL GLYCOL	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYL OCTYLDODECYL GLYCOL MEADOWFOAMATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL CARBOXYDECYL BEHENYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL CARBOXYDECYL HEXACOSYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL CARBOXYDECYL LAURYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PERFLUORONONYLETHYL CARBOXYDECYL LAURYL/BEHENYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL CARBOXYDECYL PEG-8 DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL DIMETHICONE/METHICONE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL PEG-8 DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUORONONYLETHYL STEARYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorooctane sulfonamidoacetate	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluorooctane sulfonate potassium salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorooctane sulfonic acid, ammonium salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorooctane sulfonic acid, diethanolamine salt	Perfluorooctane sulfonic acid, diethanolamine salt	70225148	Ethanolamines can cause asthma, and contain harmful impurities	
Perfluorooctane sulfonic acid, diethanolamine salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorooctane sulfonic acid, lithium salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
Perfluorooctane sulfonic acid, potassium salt	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTANOIC ACID	Perfluorooctanoic acid (PFOA)	335671	California Proposition 65 listed for developmental	
PERFLUOROCTANOIC ACID	Perfluorooctanoic acid (PFOA)	335671	Possibly carcinogenic to humans' IARC (Category 2B, Volume 110 2017)	
PERFLUOROCTANOIC ACID	Perfluorooctanoic acid (PFOA)	335671	Listed as an IARC Group 2B Carcinogen	
PERFLUOROCTANOIC ACID	Perfluorooctanoic acid (PFOA)	335671	California Prop65 Chemical (developmental)	
PERFLUOROCTANOIC ACID	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTANOIC ACID	PERFLUOROCTANOIC ACID	335671	California Proposition 65 listed for cancer	
PERFLUOROCTYL TRIETHOXYSILANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTYLETHYL TRIETHOXYSILANE	Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10heptadecafluorodecyl)silane	101947164	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERFLUOROCTYLETHYL TRIETHOXYSILANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTYLETHYL TRIMETHOXYSILANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTYLETHYL TRISILOXANE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROCTYLETHYL/DIPHENYL DIMETHICONE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluoropentanoic acid	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROPERHYDROBENZYL TETRALIN	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PERFLUOROPERHYDROPHENANTHRENE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROPOLYMETHYLISOPROPYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROPROPYLENE/VINYLDIENE DIFLUORIDE COPOLYMER	PERFLUOROPROPYLENE/VINYLDIENE DIFLUORIDE COPOLYMER	9011170	Perfluorinated chemicals persist in the environment and are toxic to human health.	
PERFLUOROPROPYLENE/VINYLDIENE DIFLUORIDE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
perfluorosulfonates	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERFLUOROTETRALIN	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PERHYDROL UREA	Hydrogen peroxideurea	124436	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERIODIC ACID, SODIUM SALT	Sodium periodate	7790285	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERMANGANIC ACID, SODIUM SALT	Sodium permanganate	10101505	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PERMANGANIC ACID, SODIUM SALT	Sodium permanganate	10101505	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PEROXIDE, (3,3,5-TRIMETHYLCYCLOHEXYLIDENE)BIS(1,1-DIMETHYLETHYL)	Ditertbutyl 3,3,5-trimethylcyclohexylidene diperoxide	6731368	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PEROXIDE, BIS(2,4-DICHLOROBENZOYL)-	Bis(2,4-dichlorobenzoyl) peroxide	133142	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PEROXIDE, DI-TERT-PENTYL-	Ditertpentyl peroxide	10508095	Classified as 'suspected of causing genetic defects' (GHS H341).	
PEROXYACETIC ACID, TERT-BUTYL ESTER	tertbutyl peracetate	107711	Classified as 'suspected of causing genetic defects' (GHS H341).	
PEROXYBENZOIC ACID, M-CHLORO-	3chloroperbenzoic acid	937144	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PEROXYDICARBONIC ACID, DIISOPROPYL ESTER	Bisisopropyl peroxydicarbonate	105646	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PETROLEUM	Petroleum	2228840	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM	Petroleum: crude oil	8002059	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM DISTILLATES	Hydrocarbons, C9C12, nalkanes, isoalkanes, cyclics, aromatics (225%); Hydrocarbons, C9C12, nalkanes, isoalkanes, cyclics, aromatics (225%) DOW BENELUX B.V OR10; Mineral Spirit 66; Not Applicable; white spirits; WS 150/200; Hydrocarbons, C9C12,	64742821	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PETROLEUM DISTILLATES	Stoddard solvent	8052413	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM DISTILLATES	Stoddard solvent	8052413	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM DISTILLATES, CLAY-TREATED HEAVY NAPHTHENIC	Distillates (petroleum), clay treated heavy naphthenic, if they contain > 3 % w/w DMSO extract	64742445	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM DISTILLATES, CLAY-TREATED HEAVY NAPHTHENIC	Distillates (petroleum), claytreated heavy naphthenic	64742445	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM DISTILLATES, CLAY-TREATED LIGHT NAPHTHENIC	Distillates (petroleum), clay treated light naphthenic, if they contain > 3 % w/w DMSO extract	64742456	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied	68476857	EWG F scoring ingredient under any condition of use.	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied	68476857	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied	68476857	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied	68476857	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied, if they contain > 0.1% w/w Butadiene	68476857	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM GASES, LIQUEFIED, SWEETENED	Petroleum gases, liquefied, sweetened	68476868	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM GASES, LIQUEFIED, SWEETENED	Petroleum gases, liquefied, sweetened	68476868	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PETROLEUM GASES, LIQUEFIED, SWEETENED	Petroleum gases, liquefied, sweetened	68476868	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM GASES, LIQUEFIED, SWEETENED	Petroleum gases, liquefied, sweetened, if they contain > 0.1% w/w Butadiene	68476868	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	92045802	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	92045802	Classified as 'may damage fertility or the unborn child' (GHS H360).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	92045802	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	Petroleum gases, liquefied, sweetened, C4 fraction, if they contain > 0.1% w/w Butadiene	92045802	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PETROLEUM NAPHTHA	NAPHTHA	8030306	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM NAPHTHA	NAPHTHA	8030306	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM PRODUCTS, HYDROFINER-POWERFORMER REFORMATES	Petroleum products, hydrofinerpowerformer reformates	68514794	Classified as 'may cause cancer' (GHS H350).	
PETROLEUM PRODUCTS, HYDROFINER-POWERFORMER REFORMATES	Petroleum products, hydrofinerpowerformer reformates	68514794	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PETROLEUM PRODUCTS, HYDROFINER-POWERFORMER REFORMATES	Petroleum products, hydrofinerpowerformer reformates	68514794	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PETROLEUM PRODUCTS, HYDROFINER-POWERFORMER REFORMATES	Petroleum products, hydrofinerpowerformer reformates	68514794	Classified as 'may cause genetic defects' (GHS H340).	
PETROLEUM PRODUCTS, REFINERY GASES	Petroleum products, refinery gases, if they contain > 0.1% w/w Butadiene	68607114	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PG-HYDROXYETHYLCELLULOSE COCODIMONIUM CHLORIDE	PGHYDROXYETHYLCELLULOSE COCODIMONIUM CHLORIDE	130353649	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
PHANTOLIDE	1,1,2,3,3,6hexamethylindan-5-yl methyl ketone	15323350	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHANTOLIDE	ACETYL HEXAMETHYL INDAN	15323350	Synthetic musk fragrances contaminate the environment and are detected in humans.	
PHENACETIN	Phenacetin	62442	California Proposition 65 listed for cancer	
PHENACETIN	Phenacetin	62442	Carcinogenic to humans' IARC (Category 1, Volume 24, Sup 7, 100A 2012)	
PHENACETIN	Phenacetin (See Phenacetin and Analgesic Mixtures Containing Phenacetin)	62442	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PHENACETIN	Phenacetin	62442	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'may cause genetic defects' (GHS H340).	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'may cause cancer' (GHS H350).	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'toxic in contact with skin' (GHS H311).	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENANTHRENE	1,2dihydroacenaphthylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2methylnaphthalene; 2methylphenol; 3methylphenol; 4methylphenol; fluoranthene; naphthalene; phenanthrene	85018	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENANTHRO(3,4-D)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 6-NITRO-	Aristolochic acid and its salts; Aristolochia spp. and their preparations	475809; 313677; 15918624	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENANTHRO(3,4-D)-1,3-DIOXOLE-5-CARBOXYLIC ACID, 8,10-DIMETHOXY-6-NITRO-	Aristolochic acid and its salts; Aristolochia spp. and their preparations	475809; 313677; 15918624	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENETHYLAMINE, 3,4,5-TRIMETHOXY-	3,4,5 Trimethoxyphenethylamine (Mescaline) and its salts	54046	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENETHYLAMINE, 3,4,5-TRIMETHOXY-	Mescaline and its salts	54046	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENETHYLAMINE, ALPHA-METHYL, (+-)	Sympathomimetic amines acting on the central nervous system: any substance contained in the first list of medicaments which are subject to medical prescription and referred to in Resolution AP (69) 2 of the Council of Europe	300629	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENETHYLAMINE, N-BENZYL-N,ALPHA-DIMETHYL-, HYDROCHLORIDE, (+-)	Benzphetamine hydrochloride	5411223	California Proposition 65 listed for developmental	
PHENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108952	Classified as 'may cause genetic defects' (GHS H340).	
PHENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108952	Classified as 'may cause cancer' (GHS H350).	
PHENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108952	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108952	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHENOL	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	108952	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	108952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL	2,4bis(2methylbutan2yl)phenol; 4(2methylbutan2yl)phenol; 4tertbutylphenol; phenol	108952	Classified as 'toxic if inhaled' (GHS H331).	
PHENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	108952	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	108952	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	108952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL	2,4dimethylphenol; 2methylphenol; benzene1,3diol; phenol	108952	Classified as 'fatal if inhaled' (GHS H330).	
PHENOL	4[2(4hydroxyphenyl)propan2yl]phenol; phenol	108952	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENOL	4[2(4hydroxyphenyl)propan2yl]phenol; phenol	108952	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHENOL	4[2(4hydroxyphenyl)propan2yl]phenol; phenol	108952	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL	4[2(4hydroxyphenyl)propan2yl]phenol; phenol	108952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL	4[2(4hydroxyphenyl)propan2yl]phenol; phenol	108952	Classified as 'toxic if inhaled' (GHS H331).	
PHENOL	Phenol	108952	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL	Phenol	108952	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL	Phenol	108952	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENOL	Phenol	108952	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL	Phenol	108952	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL	Phenol	108952	Classified as 'toxic if inhaled' (GHS H331).	
PHENOL, 2-(1,3,4-OXADIAZOL-2-YL)-	Fenadiazole	1008657	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL, 2-(1,3,4-OXADIAZOL-2-YL)-	Fenadiazole (INN)	1008657	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, 2-AMINO-4-METHYL-	2aminop cresol	95841	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2-CHLORO-5-METHYL-	2chloro3methylphenol; 2chloro5methylphenol; 3methylphenol	615747	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2-TERT-BUTYL-5-METHYL-	6tertbutylm cresol	88608	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2-TERT-BUTYL-6-METHYL-	6tertbutylcresol	2219821	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2,2'-(2-METHYLPROPYLIDENE)BIS(4,6-DIMETHYL-	2,2'(2methylpropylidene)bis[4,6xyleneol]	33145107	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,2'-THIOBIS(4,6-DICHLORO-	Bithionol	97187	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL, 2,2'-THIOBIS(4,6-DICHLORO-	Bithionol	97187	FDA Banned ingredients in cosmetics.	
PHENOL, 2,2'-THIOBIS(4,6-DICHLORO-	Bithionol (INN)	97187	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Phenol, 2,3,5-trimethyl-	2,3,5trimethylphenol	697825	Classified as 'toxic in contact with skin' (GHS H311).	
Phenol, 2,3,5-trimethyl-	2,3,5trimethylphenol	697825	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2,4-DI-TERT-BUTYL-	2,4Ditertbutylphenol	96764	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,4-DI-TERT-PENTYL-	2,4ditertpentylphenol	120956	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2,4-DI-TERT-PENTYL-	2,4ditertpentylphenol	120956	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,4-DIMETHYL-6-(1-METHYLPENTADECYL)-	2,4dimethyl6(1methylpentadecyl)phenol	134701205	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,4,6-TRIS(1,1-DIMETHYLETHYL)-	2,4,6tritertbutylphenol	732263	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,4,6-TRIS(1,1-DIMETHYLETHYL)-	2,4,6tritertbutylphenol; 2,6ditertbutylphenol	732263	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,5-DICHLORO-	2,5Dichlorophenol	583788	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2,5-DINITRO-	Dinitrophenol isomers	51285; 329715; 573568; 25550587	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, 2,6-DI-SEC-BUTYL-	Disecbutylphenol, mixed isomers	5510996	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 2,6-DI-TERT-BUTYL-	2,4ditertbutyl6methylphenol; 2,6ditertbutyl4methylphenol; 2,6ditertbutylphenol	128392	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHENOL, 2,6-DI-TERT-BUTYL-	2,4,6triterbutylphenol; 2,6ditertbutylphenol	128392	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,6-DI-TERT-BUTYL-	2,6Ditertbutylphenol	128392	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 2,6-DINITRO-	Dinitrophenol isomers	51285; 329715; 573568; 25550587	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, 3,5-DIMETHYL-4-(METHYLTHIO)-	4(methylthio)3,5xylenol	7379513	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL, 4-(PHENYLMETHYL)-	Phenyl4hydroxyphenylmethane = 4Benzylphenol = pBenzylphenol	101531	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, 4-NONYL-, BRANCHED	Nonylphenol [1]; 4 Nonylphenol, branched [2]	25154523; 84852153	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, 4-NONYL-, BRANCHED	Phenol, 4nonyl, branched	84852153	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 4-NONYL-, BRANCHED	Phenol, 4nonyl, branched	84852153	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 4-OCTYL-	Phenol, 4octyl	1806264	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH N-(2-AMINOETHYL)-1,2-ETHANEDIAMINE	4,4'Isopropylidenediphenol, oligomeric reaction products with 1chloro2,3epoxypropane, reaction products with diethylenetriamine	31326291	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH N-(2-AMINOETHYL)-1,2-ETHANEDIAMINE	4,4'Isopropylidenediphenol, oligomeric reaction products with 1chloro2,3epoxypropane, reaction products with diethylenetriamine	31326291	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIBROMO-	Tetrabromobisphenol A	79947	California Proposition 65 listed for cancer	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIBROMO-	Tetrabromobisphenol A	79947	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIBROMO-	Tetrabromobisphenol A	79947	Probably carcinogenic to humans' IARC (Category 2A, Volume 115 2018 )	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIBROMO-	Tetrabromobisphenol A	79947	Listed as an IARC Group 2A Carcinogen	
PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS(2,6-DIBROMO-	Tetrabromobisphenol A	79947	California Prop65 Chemical (cancer)	
PHENOL, 4,4'-(1-METHYLPROPYLIDENE)BIS-	2,2Bis(4hydroxyphenyl)nbutan = Bisphenol B	77407	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, 4,4'-(2,2,2-TRICHLOROETHYLIDENE)DI-	BisOHMethoxychlor = 1,1,1trichloro2,2bis(4hydroxyphenyl)ethane (HTPE)	2971360	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, 4,4'-(TRIFLUORO-1-(TRIFLUOROMETHYL)ETHYLIDENE)DI-	4,4'[2,2,2trifluoro1(trifluoromethyl)ethylidene]diphenol	1478611	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHENOL, 4,4'-(TRIFLUORO-1-(TRIFLUOROMETHYL)ETHYLIDENE)DI-	4,4'[2,2,2trifluoro1(trifluoromethyl)ethylidene]diphenol	1478611	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, 5-METHYL-2-NITRO-	Nitroresols and their alkali metal salts	12167203; 119335; 4920778; 2042140; 2581342; 5428546; 700389; 2666764	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL, 6-T-BUTYL-3-(2-IMIDAZOLIN-2-YLMETHYL)-2,4-DIMETHYL-	Oxymetazoline	1491594	Classified as 'fatal if inhaled' (GHS H330).	
PHENOL, DINITRO-	Dinitrophenol isomers	25550587	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL, DINITRO-	Dinitrophenol isomers	51285; 329715; 573568; 25550587	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, ISOPROPYLATED, PHOSPHATE (3:1)	Phenol, isopropylated, phosphate (3:1)	68937417	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHENOL, ISOPROPYLATED, PHOSPHATE (3:1)	Phenol, isopropylated, phosphate (3:1)	68937417	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, NONYL-	Nonylphenol [1]; 4 Nonylphenol, branched [2]	25154523; 84852153	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, NONYL-	Phenol, nonyl	25154523	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, O-(TERT-BUTYL)-	2tertButylphenol	88186	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL, O-(TERT-BUTYL)-	2tertButylphenol	88186	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, O-(TERT-BUTYL)-	2tertButylphenol	88186	Classified as 'fatal if inhaled' (GHS H330).	
PHENOL, O-ALLYL-	2Allylphenol	1745819	Classified as 'toxic in contact with skin' (GHS H311).	
PHENOL, O-ALLYL-	2Allylphenol	1745819	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, O-AMINO-, HYDROCHLORIDE	2 aminophenol [1]; bis(2hydroxyanilinium) sulfate [2]; 2Aminophenol Hydrochloride [3]	95556; 67845798; 51194	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHENOL, O-SEC-BUTYL-	2secbutylphenol	89725	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-(1,1,3,3-TETRAMETHYLBUTYL)-	4(1,1,3,3Tetramethylbutyl)phenol	140669	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-(1,1,3,3-TETRAMETHYLBUTYL)-	4(1,1,3,3Tetramethylbutyl)phenol	140669	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, P-(1,1,3,3-TETRAMETHYLBUTYL)-	4tertOctylphenol=1,1,3,3Tetramethyl4butylphenol	140669	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, P-(3-METHYL-2-BUTENYL)-	4(3methylbut2en1yl)phenol	1200095	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-(ALPHA,ALPHA-DIMETHYLBENZYL)-	4(,_dimethylbenzyl)phenol	599644	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, P-(TERT-PENTYL)-	p(1,1dimethylpropyl)phenol	80466	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-(TERT-PENTYL)-	p(1,1dimethylpropyl)phenol	80466	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, P-ETHOXY-	4 Benzyloxyphenol and 4ethoxyphenol	103162; 622628	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, P-ETHOXY-	4Ethoxyphenol	622628	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOL, P-ETHOXY-	Hydroquinone monoethyl ether (4ethoxyPhenol)	622628	Prohibited by the International Fragrance Association for use in fragrance.	
PHENOL, P-FLUORO-	4fluorophenol	371415	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-NONYL-	4Nonylphenol (4NP)	104405	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOL, P-NONYL-	pNonylphenol	104405	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHENOL, P-NONYL-	pNonylphenol	104405	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENOL, P-NONYL-	pNonylphenol	104405	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, PENTABROMO-	Phenol, pentabromo	608719	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
PHENOL, PENTACHLORO-, POTASSIUM SALT	Pentachlorophenol [1]; Sodium pentachlorophenolate [2]; Potassium pentachlorophenolate [3]	87865; 131522; 7778736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, PENTACHLORO-, SODIUM SALT	Pentachlorophenol [1]; Sodium pentachlorophenolate [2]; Potassium pentachlorophenolate [3]	87865; 131522; 7778736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOL, PENTACHLORO-, SODIUM SALT	Pentachlorophenol, Sodium Salt (see Pentachlorophenol and Byproducts of Its Synthesis)	131522	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PHENOL, PENTACHLORO-, SODIUM SALT	Pentachlorophenol, Sodium Salt	131522	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PHENOL, POLYMER WITH FORMALDEHYDE	Formaldehyde, oligomeric reaction products with phenol	9003354	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOL, POLYMER WITH FORMALDEHYDE	Phenol Formaldehyde Resin	9003354	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHENOLPHTHALEIN	3,3 Bis(4hydroxyphenyl)phthalide (Phenolphthalein (INN))	77098	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOLPHTHALEIN	3,3'Bis(4hydroxyphenyl)phthalid = Phenolphthaleine	77098	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHENOLPHTHALEIN	phenolphthalein	77098	California Proposition 65 listed for cancer	
PHENOLPHTHALEIN	phenolphthalein	77098	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOLPHTHALEIN	phenolphthalein	77098	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PHENOLPHTHALEIN	phenolphthalein	77098	Possibly carcinogenic to humans' IARC (Category 2B, Volume 76 2000)	
PHENOLPHTHALEIN	phenolphthalein	77098	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PHENOTHIAZINE	Phenothiazine	92842	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOTHIAZINE	Phenothiazine (INN) and its compounds	92842	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENOTHIAZINE	Phenothiazine and its compounds	92842	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENOTHIAZINE-2-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-	Cyamemazine	3546030	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHENOTHIAZINE-2-CARBONITRILE, 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL)-	Cyamemazine	3546030	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOTHIAZINE, 10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-2-(TRIFLUOROMETHYL)-, DIHYDROCHLORIDE	10HPHENOTHIAZINE, 10[3(4METHYL1PIPERAZINYL)PROPYL]2(TRIFLUOROMETHYL), DIHYDROCHLORIDE	440175	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
PHENOTHIAZINE, 2-(TRIFLUOROMETHYL)-	2trifluoromethylphenothiazine	92308	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENOTHIAZINE, 2-CHLORO-	2chlorophenothiazine	92397	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENOTHIAZINE, 2-CHLORO-10-(3-(4-METHYL-1-PIPERAZINYL)PROPYL)-	10HPhenothiazine, 2chloro10[3(4methyl1piperazinyl)propyl]	58388	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
PHENYL BENZOATE	Phenyl benzoate	93992	Prohibited by the International Fragrance Association for use in fragrance.	
PHENYL GLYCIDYL ETHER	1,2 Epoxy3phenoxypropane (Phenylglycidyl ether)	122601	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENYL GLYCIDYL ETHER	2,3epoxypropyl phenyl ether	122601	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENYL GLYCIDYL ETHER	2,3epoxypropyl phenyl ether	122601	Classified as 'may cause cancer' (GHS H350).	
PHENYL GLYCIDYL ETHER	Phenyl glycidyl ether	122601	California Proposition 65 listed for cancer	
PHENYL GLYCIDYL ETHER	Phenyl glycidyl ether	122601	California Proposition 65 listed for male	
PHENYL GLYCIDYL ETHER	Phenyl glycidyl ether	122601	Possibly carcinogenic to humans' IARC (Category 2B, Volume 47, 71 1999)	
PHENYL MERCURIC ACETATE	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENYL MERCURIC BENZOATE	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENYL MERCURIC BORATE	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENYL SULFIDE	Diphenyl sulphide	139662	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENYLACETALDEHYDE	PHENYLACETALDEHYDE	122781	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHENYLACETONITRILE	Benzyl cyanide	140294	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHENYLACETONITRILE	Benzyl cyanide	140294	Prohibited by the International Fragrance Association for use in fragrance.	
PHENYLACETONITRILE	Benzyl cyanide, when used as a fragrance ingredient	140294	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENYLACETONITRILE	PHENYLACETONITRILE	140294	Classified as 'toxic in contact with skin' (GHS H311).	
PHENYLACETONITRILE	PHENYLACETONITRILE	140294	Classified as 'fatal if inhaled' (GHS H330).	
PHENYLDIMETHOXYACETOPHENONE	2,2dimethoxy1,2diphenylethan1one	24650428	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENYLENEDIAMINE, M-	m Phenylenediamine and its salts	108452	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHENYLENEDIAMINE, M-	mphenylenediamine	108452	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHENYLENEDIAMINE, M-	mphenylenediamine	108452	Classified as 'toxic in contact with skin' (GHS H311).	
PHENYLENEDIAMINE, M-	mphenylenediamine	108452	Classified as 'toxic if inhaled' (GHS H331).	
PHENYLENEDIAMINE, M-	mphenylenediamine	108452	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHENYLPARABEN	Phenyl 4 hydroxybenzoate (INCI: Phenylparaben)	17696627	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PEROMONES	Pheromones		Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHLOROGLUCINOL	1,3,5 Trihydroxybenzene (Phloroglucinol) and its salts, when used as a substance in hair dye products	108736	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHLOROGLUCINOL	PHLOROGLUCINOL	108736; 6099907	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHLOROGLUCINOL	PHLOROGLUCINOL	108736; 6099907	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHAMIDON	phosphamidon	13171216	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHOSPHINE	phosphine	7803512	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHINE	phosphine	7803512	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHINE OXIDE, TRIOCTYL-	A mixture of: hexyldioctylphosphineoxide; dihexyloctylphosphineoxide; trioctylphosphineoxide	78502	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHOSPHINE OXIDE, TRIOCTYL-	Trioctylphosphine oxide	78502	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHINE OXIDE, TRIOCTYL-	Trioctylphosphine oxide	78502	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Thiotepa	52244	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Thiotepa	52244	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Thiotepa	52244	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 50, 100A 2012)	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Thiotepa (INN)	52244	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Tris(1aziridinyl)phosphine sulfide (Thiotepa)	52244	California Proposition 65 listed for cancer	
PHOSPHINE SULFIDE, TRIS(1-AZIRIDINYL)-	Thiotepa	52244	Listed on the 14th Report on Carcinogens as a known carcinogen	
PHOSPHINE, PHENYL-	Phenylphosphine [Basis for listing changed effective June 6, 2014]	638211	California Proposition 65 listed for developmental male	
PHOSPHINE, TRIBUTYL-	Tributylphosphine	998403	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHINE, TRIOCTYL-	Trioctylphosphine	4731537	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHOLIPASE A2	PHOSPHOLIPASE A2	9001847	Phospholipase A2 is component of bee venom linked to severe allergic/anaphylactic reactions.	
PHOSPHONIC ACID	Phosphonic acid	13598362	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
PHOSPHONIC ACID	Phosphonic acid	13598362	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIC ACID	Phosphorous acid	10294561	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
PHOSPHONIC ACID, ((2-(4-AMINO-2-OXO-1(2H)-PYRIMIDINYL)-1-(HYDROXYMETHYL)ETHOXY)METHYL)-, (S)-	Cidofovir	113852372	California Proposition 65 listed for cancer, developmental, female, male	
PHOSPHONIC ACID, (1-HYDROXY-2-(3-PYRIDINYL)ETHYLIDENE)BIS-	[1hydroxy1phosphono2(pyridin3yl)ethyl]phosphonic acid	105462246	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHONIC ACID, (1-HYDROXY-2-(3-PYRIDINYL)ETHYLIDENE)BIS-	[1hydroxy1phosphono2(pyridin3yl)ethyl]phosphonic acid	105462246	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIC ACID, DIMETHYL ESTER	Dimethyl phosphonate	868859	Classified as 'suspected of causing genetic defects' (GHS H341).	
PHOSPHONIC ACID, DIMETHYL ESTER	Dimethyl phosphonate	868859	Classified as 'suspected of causing cancer' (GHS H351).	
PHOSPHONIC ACID, DIMETHYL ESTER	Dimethyl phosphonate	868859	Classified as 'toxic in contact with skin' (GHS H311).	
phosphonic acid, dimethyl ester	phosphonic acid, dimethyl ester	868-85-9	Listed to be possibly carcinogenic to humans' IARC (Category 2B, Volume 92, Sup 7, 133, 2023)	X
PHOSPHONIC ACID, DODECYL-	Dodecylphosphonic acid	5137702	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIC ACID, ETHENYL-	Vinylphosphonic acid	1746038	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIC ACID, METHYL-, DIMETHYL ESTER	Dimethyl methylphosphonate	756796	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHONIC ACID, METHYL-, DIMETHYL ESTER	Dimethyl methylphosphonate	756796	Classified as 'may cause genetic defects' (GHS H340).	
PHOSPHONIC ACID, METHYL-, DIPHENYL ESTER	Diphenyl methylphosphonate	7526263	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHONIC ACID, PHENYL-	Phenylphosphonic acid	1571331	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIC ACID, PROPYL-	Propylphosphonic acid	4672382	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIUM, (PHENYLMETHYL)TRIPHENYL-, CHLORIDE	Benzyltriphenylphosphonium chloride	1100885	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHONIUM, (PHENYLMETHYL)TRIPHENYL-, CHLORIDE	Benzyltriphenylphosphonium chloride	1100885	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHONIUM, (PHENYLMETHYL)TRIPHENYL-, CHLORIDE	Benzyltriphenylphosphonium chloride	1100885	Classified as 'toxic if inhaled' (GHS H331).	
PHOSPHONIUM, ETHYLTRIPHENYL-, IODIDE	Ethyltriphenylphosphonium iodide	4736601	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHONIUM, TETRABUTYL-, BROMIDE	Tetrabutylphosphonium bromide	3115682	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHONIUM, TETRABUTYL-, BROMIDE	Tetrabutylphosphonium bromide	3115682	Classified as 'fatal in contact with skin' (GHS H310).	
PHOSPHONIUM, TETRABUTYL-, BROMIDE	Tetrabutylphosphonium bromide	3115682	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE	Tetrakis(hydroxymethyl)phosphonium chloride	124641	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE	Tetrakis(hydroxymethyl)phosphonium chloride	124641	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE	Tetrakis(hydroxymethyl)phosphonium chloride	124641	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE	Tetrakis(hydroxymethyl)phosphonium chloride	124641	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, CHLORIDE	Tetrakis(hydroxymethyl)phosphonium chloride	124641	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1)	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	55566308	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1)	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	55566308	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1)	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	55566308	Classified as 'toxic if inhaled' (GHS H331).	
PHOSPHONIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1)	Tetrakis(hydroxymethyl)phosphonium sulphate(2:1)	55566308	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHONOBUTANETRICARBOXYLIC ACID	2phosphonobutane1,2,4tricarboxylic acid	37971361	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHONOBUTANETRICARBOXYLIC ACID	PHOSPHONOBUTANETRICARBOXYLIC ACID	37971361	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
PHOSPHONOUS DICHLORIDE, PHENYL-	Dichloro(phenyl)phosphine	644973	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID	Orthophosphoric acid	7664382	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID	phosphoric acid	7664382	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
PHOSPHORIC ACID, 2-ETHYLHEXYL DIPHENYL ESTER	2Ethylhexyl diphenyl phosphate	1241947	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHORIC ACID, ALUMINIUM SALT (1:1)	Aluminium orthophosphate	7784307	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, BERYLLIUM SALT (2:3)	Beryllium Compounds	13598260	Listed on the 14th Report on Carcinogens as a known carcinogen	
PHOSPHORIC ACID, BIS(2-ETHYLHEXYL) ESTER	Bis(2ethylhexyl) hydrogen phosphate	298077	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, CHROMIUM(3-) SALT, HYDRATE (3:1:1)	Chromium tris(dihydrogen phosphate)	27096044	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, CHROMIUM(3-) SALT, HYDRATE (3:1:1)	Chromium Compounds	270960404	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHOSPHORIC ACID, COPPER CHROMIUM SALT	Chromium Compounds	17836270	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHOSPHORIC ACID, DIBUTYL ESTER	Dibutyl hydrogen phosphate	107664	Classified as 'suspected of causing cancer' (GHS H351).	
PHOSPHORIC ACID, DIBUTYL ESTER	Dibutyl hydrogen phosphate	107664	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, DIETHYL P-NITROPHENYL ESTER	Diethyl 4 nitrophenyl phosphate (Paraoxon ISO)	311455	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHOSPHORIC ACID, DIETHYL P-NITROPHENYL ESTER	Diethyl 4nitrophenyl phosphate	311455	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHOSPHORIC ACID, MONO(2-ETHYLHEXYL) ESTER	2ethylhexyl dihydrogen phosphate	1070037	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, MONOMETHYL ESTER	Methyl dihydrogen phosphate	812000	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, TRIBUTYL ESTER	tributyl phosphate	126738	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHOSPHORIC ACID, TRIBUTYL ESTER	tributyl phosphate	126738	Classified as 'suspected of causing cancer' (GHS H351).	
PHOSPHORIC ACID, TRIMETHYL ESTER	Trimethyl phosphate	512561	California Proposition 65 listed for cancer	
PHOSPHORIC ACID, TRIMETHYL ESTER	Trimethyl phosphate	512561	Classified as 'may cause cancer' (GHS H350).	
PHOSPHORIC ACID, TRIMETHYL ESTER	Trimethyl phosphate	512561	Classified as 'suspected of causing cancer' (GHS H351).	
PHOSPHORIC ACID, TRIMETHYL ESTER	Trimethyl phosphate	512561	Classified as 'may cause genetic defects' (GHS H340).	
PHOSPHORIC ACID, TRIS(2-METHYLPROPYL) ESTER	Triisobutyl phosphate	126716	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PHOSPHORIC ACID, TRISODIUM SALT, DODECAHYDRATE	Trisodium orthophosphate	7601549; 10101890; 56802994	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIC ACID, ZINC SALT (2:3)	trizinc bis(orthophosphate)	7779900	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHORIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1) (SALT), POLYMER WITH UREA	tetrakis(hydroxymethyl)phosphanium urea hydrogen sulfate	63502250	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHORIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1) (SALT), POLYMER WITH UREA	tetrakis(hydroxymethyl)phosphanium urea hydrogen sulfate	63502250	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORIUM, TETRAKIS(HYDROXYMETHYL)-, SULFATE (2:1) (SALT), POLYMER WITH UREA	tetrakis(hydroxymethyl)phosphanium urea hydrogen sulfate	63502250	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHOROCHLORIDIC ACID, DIETHYL ESTER	Diethyl phosphorochloridate	814493	Classified as 'fatal in contact with skin' (GHS H310).	
PHOSPHOROCHLORIDIC ACID, DIETHYL ESTER	Diethyl phosphorochloridate	814493	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHOROCHLORIDIC ACID, DIETHYL ESTER	Diethyl phosphorochloridate	814493	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHOROCHLORIDIC ACID, DIETHYL ESTER	Diethyl phosphorochloridate	814493	Classified as 'toxic if inhaled' (GHS H331).	
PHOSPHOROCHLORIDOTHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl phosphorochloridothioate	25240401	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHOROCHLORIDOTHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl phosphorochloridothioate	25240401	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl phosphorochlorodithioate	25240401	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl phosphorochlorodithioate	25240401	Classified as 'toxic if inhaled' (GHS H331).	
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl phosphorochlorodithioate	2524030	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl phosphorochlorodithioate	2524030	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl phosphorochlorodithioate	2524030	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHOROCHLORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl phosphorochlorodithioate	2524030	Classified as 'toxic if inhaled' (GHS H331).	
PHOSPHORODICHLORIDIC ACID, PHENYL ESTER	Phenyl phosphorodichloridate	770127	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-BIS(1-METHYLETHYL) ESTER	O,Odiisopropyl hydrogen dithiophosphate	107562	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-BIS(2-ETHYLHEXYL) ESTER	O,Obis(2ethylhexyl) hydrogen dithiophosphate	5810888	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-BIS(2-METHYLPROPYL) ESTER, SODIUM SALT	Sodium O,Odiisobutyl dithiophosphate	53378511	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl hydrogen phosphorodithioate	298066	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl hydrogen phosphorodithioate	298066	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER	O,Odiethyl hydrogen phosphorodithioate	298066	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, NICKEL(2+) SALT (2:1)	Nickel Compounds	16743230	Listed on the 14th Report on Carcinogens as a known carcinogen	
PHOSPHORODITHIOIC ACID, O,O-DIETHYL ESTER, SODIUM SALT	Sodium O,Odiethyl dithiophosphate	3338247	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl hydrogen dithiophosphate	756809	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHORODITHIOIC ACID, O,O-DIMETHYL ESTER	O,Odimethyl hydrogen dithiophosphate	756809	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHOROTRITHIOIC ACID, S,S,S-TRIBUTYL ESTER	S,S,Stributyl phosphorotriothioate (Tribufos, DEF)	78488	California Proposition 65 listed for cancer	
PHOSPHOROUS ACID, BIS(2-ETHYLHEXYL) ESTER, CADMIUM SALT	Cadmium Compounds	7495934	Listed on the 14th Report on Carcinogens as a known carcinogen	
PHOSPHOROUS ACID, CYCLIC NEOPENTANETETRAYL BIS(2,4-DI-TERT-BUTYLPHENYL)ESTER	3,9bis(2,4ditertbutylphenoxy)2,4,8,10tetraoxa3,9diphosphaspiro[5.5]undecane	26741537	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHOROUS ACID, ISODECYL DIPHENYL ESTER	Isodecyl diphenyl phosphite	26544230	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHOSPHOROUS ACID, TRIISODECYL ESTER	Triisodecyl phosphite	25448253	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHOSPHOROUS ACID, TRIISODECYL ESTER	Triisodecyl phosphite	25448253	Classified as 'may cause genetic defects' (GHS H340).	
PHOSPHOROUS ACID, TRIMETHYL ESTER	Trimethyl phosphite	121459	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHOSPHORUS PENTACHLORIDE	phosphorus pentachloride	10026138	Classified as 'suspected of causing cancer' (GHS H351).	
PHOSPHORUS PENTACHLORIDE	phosphorus pentachloride	10026138	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORUS PENTACHLORIDE	phosphorus pentachloride	10026138	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHORUS PENTOXIDE	Diphosphorus pentaoxide	1314563	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORUS PENTOXIDE	Diphosphorus pentaoxide	1314563	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHORUS TRIBROMIDE	phosphorus tribromide	7789608	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORUS TRICHLORIDE	phosphorus trichloride	7719122	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORUS TRICHLORIDE	phosphorus trichloride	7719122	Classified as 'fatal if inhaled' (GHS H330).	
PHOSPHORYL TRICHLORIDE	phosphoryl trichloride	10025873	Classified as 'toxic in contact with skin' (GHS H311).	
PHOSPHORYL TRICHLORIDE	phosphoryl trichloride	10025873	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHOSPHORYL TRICHLORIDE	phosphoryl trichloride	10025873	Classified as 'fatal if inhaled' (GHS H330).	
PHTHALAZINE, 1-HYDRAZINO-	Hydralazine	86544	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
PHTHALAZINE, 1-HYDRAZINO-	Hydralazine	86544	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHTHALIC ACID, BUTYL DECYL ESTER	BUTYL DECYL PHTHALATE	89190	Phthalates are endocrinedisrupting chemicals.	
PHTHALIC ACID, DICYCLOHEXYL ESTER	DICYCLOHEXYL PHTHALATE	84617	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PHTHALIC ACID, DICYCLOHEXYL ESTER	DICYCLOHEXYL PHTHALATE	84617	Phthalates are endocrine disrupting compounds.	
PHTHALIC ACID, DICYCLOHEXYL ESTER	DICYCLOHEXYL PHTHALATE	84617	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PHTHALIC ACID, DICYCLOHEXYL ESTER	Dicyclohexyl phthalate (DCHP)	84617	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHTHALIC ACID, DICYCLOHEXYL ESTER	PHTHALIC ACID, DICYCLOHEXYL ESTER	84617	Europe prohibits this ingredient in cosmetics	
PHTHALIC ACID, DIHEXYL ESTER	Dinhexyl phthalate (DnHP)	84753	California Proposition 65 listed for female, male	
PHTHALIC ACID, DIISOBUTYL ESTER	diisobutyl phthalate	84695	Phthalates are endocrine disrupting compounds.	
PHTHALIC ACID, DIISOBUTYL ESTER	diisobutyl phthalate	84695	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHTHALIC ACID, DIISOCTYL ESTER	PHTHALIC ACID, DIISOCTYL ESTER	27554263	Europe prohibits this ingredient in cosmetics	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PHTHALIC ACID, DIISOPENTYL ESTER	1,2 Benzenedicarboxylic acid, dipentylester, branched and linear [1]; nPentylisopentylphthalate [2]; dinPentyl phthalate [3]; Diisopentylphthalate [4]	84777060;; 131180; 605505	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHTHALIC ACID, DIPENTYL ESTER	1,2 Benzenedicarboxylic acid, dipentylester, branched and linear [1]; nPentylisopentylphthalate [2]; dinPentyl phthalate [3]; Diisopentylphthalate [4]	84777060;; 131180; 605505	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHTHALIC ACID, DIPENTYL ESTER	Dinpentylphthalate (DPP) = Dipentylphthalate	131180	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHTHALIC ACID, MONO-(2-ETHYLHEXYL) ESTER	Mono 2 ethyl hexylphthalate (MEHP)	4376209	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHTHALIC ACID, MONOBUTYL ESTER	Mononbutylphthalate	131704	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PHTHALIC ANHYDRIDE	phthalic anhydride	85449	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PHTHALIC ANHYDRIDE	phthalic anhydride	85449	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PHTHALIC ANHYDRIDE	phthalic anhydride	85449	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHTHALIC ANHYDRIDE, METHYLTETRAHYDRO-	Methyl Tetrahydrophthalic Anhydride	26590205	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PHTHALIC ANHYDRIDE, METHYLTETRAHYDRO-	Methyl Tetrahydrophthalic Anhydride	26590205	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-	Thalidomide	50351	California Proposition 65 listed for developmental	
PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-	Thalidomide (INN) and its salts	50351	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHTHALIMIDE, N-(2,6-DIOXO-3-PIPERIDYL)-	Thalidomide and its salts	50351	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHTHALIMIDE, N-(CYCLOHEXYLTHIO)-	N(Cyclohexylthio)phthalimide	17796826	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHTHALIMIDOPEROXYCAPROIC ACID	PHTHALIMIDOPEROXYCAPROIC ACID	128275310	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
PHTHALONITRILE	Phthalonitrile	91156	Classified as 'toxic in contact with skin' (GHS H311).	
PHTHALONITRILE	Phthalonitrile	91156	Classified as 'toxic if inhaled' (GHS H331).	
PHYSOSTIGMINE	Eserine and its salts	57476	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PHYSOSTIGMINE	Eserine or physostigmine and its salts	57476	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PHYTIC ACID	Fytic acid	83863	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PHYTOL	(2E,7R,11R)3,7,11,15tetramethylhexadec2en1ol; (2Z,7R,11R)3,7,11,15tetramethylhexadec2en1ol	150867; 7541493	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PHYTONADIONE	Phytonadione [INCI], phytomenadione [INN]	84800; 81818544	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PICOLINIC ACID, 4-AMINO-3,5,6-TRICHLORO-	Picloram	1918021	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PICRIC ACID	Picric acid	88891	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PICRIC ACID	Picric acid	88891	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PICRIC ACID	Picric acid	88891	Classified as 'toxic in contact with skin' (GHS H311).	
PICRIC ACID	Picric acid	88891	Classified as 'toxic if inhaled' (GHS H331).	
PICROTOXIN	Picrotoxin	124878	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PICROTOXIN	Picrotoxin	124878	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIGMENT BLUE 15:1	(29H,31H Phthalocyaninato(2)N29,N30,N31,N32)copper (Pigment Blue 15; CI 74160) when used as a substance in hair dye products	147148	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PIGMENT BLUE 15:1	C.I. Pigment Blue 15	147148	Non FDA approved colorant.	
PIGMENT ORANGE 16	2,2'[(3,3'-dimethoxy[1,1'-biphenyl]4,4'-diyl)bis(azo)]bis[3oxoNphenylbutyramide]	6505288	Classified as 'may cause cancer' (GHS H350).	
PIGMENT ORANGE 5	Colouring agent CI 12075 (Pigment Orange 5) and its lakes, pigments and salts	3468631	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIGMENT ORANGE 5	D&C Orange No. 17	3468631	California Proposition 65 listed for cancer	
PIGMENT ORANGE 5	Pigment Orange 5 and its lakes, pigments and salts	3468631	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIGMENT RED 172 ALUMINUM LAKE	2',4',5',7' Tetraiodofluorescein, its disodium salt (Acid Red 51; CI 45430) and its aluminium salt (Pigment Red 172 Aluminium lake) when used as a substance in hair dye products	15905325; 16423680; 12227780	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Pigment Red 4 (Uncertified D&C Red No. 36)	D&C Red No. 36	2814779	This ingredient is persistent, bioaccumulative and toxic.	
Pigment Red 4 (Uncertified D&C Red No. 36)	Uncertified color additives subject to batch certification	2814779	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Pigment Red 4 (Uncertified D&C Red No. 36)	D&C Red No. 36	2814779	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
PIGMENT RED 53	Pigment Red 53	2092560	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Pigment Red 57 (Uncertified D&C Red No. 6 or 7)	Uncertified color additives subject to batch certification	5858811	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Pigment Red 63:1 (Uncertified D&C Red No. 34)	Uncertified color additives subject to batch certification	6417830	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Pigment Red 64:1 (Uncertified D&C Red No. 31)	Uncertified color additives subject to batch certification	6371762	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
PIGMENT YELLOW 73	2 [(4Chloro2nitrophenyl)azo]N(2methoxyphenyl)3oxobutanamide (Pigment Yellow 73) and its salts, when used as a substance in hair dye products	13515407	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PILOCARPINE	Pilocarpine and its salts	92137	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PILOCARPINE	Pilocarpine and its salts	92137	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PILOCARPUS PENNATIFOLIUS (JABORANDI) LEAF EXTRACT	Pilocarpus jaborandi Holmes and its galenical preparations	84696424	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPER METHYSTICUM (KAVA KAVA) EXTRACT	Piper methysticum extract	9000388	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPER METHYSTICUM (KAVA KAVA) EXTRACT	Kava extract	9000388	Listed as an IARC Group 2B Carcinogen	
PIPER NIGRUM (BLACK PEPPER) OIL	616-.894-.6; BLACK PEPPER OIL; Essential Oil of Piper nigrum L. (Family: Piperaceae). Obtained by the steam distillation of dried unripe berries.; Oils, black pepper; Pepper, black, oil (Piper nigrum L.); Young Llvign Black Pepper Essential Oil; Oils,	8006824	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PIPERAZINE	2(piperazin1yl)ethan1ol; 2[4(2hydroxyethyl)piperazin1yl]ethan1ol; piperazine	110850	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PIPERAZINE	2(piperazin1yl)ethan1ol; 2[4(2hydroxyethyl)piperazin1yl]ethan1ol; piperazine	110850	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE	2(piperazin1yl)ethan1ol; 2[4(2hydroxyethyl)piperazin1yl]ethan1ol; piperazine	110850	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PIPERAZINE	PIPERAZINE	110850	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PIPERAZINE	PIPERAZINE	110850	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PIPERAZINE	PIPERAZINE	110850	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE	PIPERAZINE	110850	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PIPERAZINE	PIPERAZINE	110850	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PIPERAZINE, 1-(3-CHLOROPHENYL)-	1(mchlorophenyl)piperazine	6640240	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PIPERAZINE, 1-(DIPHENYLMETHYL)-4-METHYL-	Cyclizine (INN) and its salts	82928	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPERAZINE, 1-(DIPHENYLMETHYL)-4-METHYL-	Cyclizine and its salts	82928	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPERAZINE, 1-(O-CHLOROPHENYL)-4-(3,4-DIMETHOXYPHENETHYL)-	Mefeclozazine (INN) and its salts	1243330	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPERAZINE, 1-(O-CHLOROPHENYL)-4-(3,4-DIMETHOXYPHENETHYL)-	Mefeclozazine and its salts	1243330	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPERAZINE, 1-(P-CHLORO-ALPHA-PHENYLBENZYL)-	N(4chlorobenzhydryl)piperazine	303264	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PIPERAZINE, 1-(P-CHLORO-ALPHA-PHENYLBENZYL)-	N(4chlorobenzhydryl)piperazine	303264	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, 1-(P-CHLORO-ALPHA-PHENYLBENZYL)-4-METHYL-, HYDROCHLORIDE	Chlorcyclizine hydrochloride	1620219	California Proposition 65 listed for developmental	
PIPERAZINE, 1-(PHENYLMETHYL)-	1Benzylpiperazine	2759286	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, 1-METHYL-	1Methylpiperazine	109013	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, 1-METHYL-	1Methylpiperazine	109013	Classified as 'fatal if inhaled' (GHS H330).	
PIPERAZINE, 1-METHYL-	1Methylpiperazine	109013	Classified as 'toxic if inhaled' (GHS H331).	
PIPERAZINE, 1-PHENYL-	Nphenylpiperazine	92546	Classified as 'fatal in contact with skin' (GHS H310).	
PIPERAZINE, 1-PHENYL-	Nphenylpiperazine	92546	Classified as 'toxic in contact with skin' (GHS H311).	
PIPERAZINE, 1-PHENYL-	Nphenylpiperazine	92546	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, 1,4-BIS(1-FORMAMIDO-2,2,2-TRICHLOROETHYL)-	Triforine	26644462	California Proposition 65 listed for developmental	
PIPERAZINE, 1,4-BIS(3-BROMOPROPIONYL)-	Pipobroman	54911	California Proposition 65 listed for developmental	
PIPERAZINE, 1,4-DIMETHYL-	1,4dimethylpiperazine	106581	Classified as 'toxic in contact with skin' (GHS H311).	
PIPERAZINE, 1,4-DIMETHYL-	1,4dimethylpiperazine	106581	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, 2-METHYL-	2Methylpiperazine	109079	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, CITRATE (3:2)	Piperazine Citrate	144296	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
PIPERAZINE, CITRATE (3:2)	Tripiperazine dicitrate	144296	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERAZINE, CITRATE (3:2)	Piperazine Citrate	144296	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PIPERAZINE, DIHYDROCHLORIDE	Piperazine Hydrochloride	142643	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
PIPERAZINE, DIHYDROCHLORIDE	Piperazine Hydrochloride	142643	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PIPERAZINE, PHOSPHATE	Piperazine, compound with phosphoric acid	1951979	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PIPERAZINE, PHOSPHATE	Piperazine, compound with phosphoric acid	1951979	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PIPERAZINEETHANOL, 4-(3-CHLORO-O-TOLYL)-, N-(7-TRIFLUOROMETHYL-4-QUINOLYL)ANTHRANILATE,	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-(3-CHLOROPHENYL)-, N-(7-TRIFLUOROMETHOXY-4-QUINOLYL)ANTHRANILATE,	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-PHENYL-, N-(3-TRIFLUOROMETHOXYPHENYL)ANTHRANILATE, HYDROCHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-PHENYL-, N-(7-TRIFLUOROMETHOXY-4-QUINOLYL)ANTHRANILATE, DIHYDROCHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-PHENYL-, N-(7-TRIFLUOROMETHYL-4-QUINOLYL)ANTHRANILATE, DIHYDROCHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-PHENYL-, N-(8-TRIFLUOROMETHYL-4-QUINOLYL)ANTHRANILATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PIPERAZINEETHANOL, 4-PHENYL-, O-(7-TRIFLUOROMETHYLTHIO-4-QUINOLYL)ANTHRANILATE,DIHYDROCHLORIDE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PIPERAZINIUM, 1,1-DIMETHYL-4-PHENYL-, IODIDE	DMPP; ; DMPP; 3,4Dimethyl1Hpyrazolium dihydrogenphosphate; 3,4Dimethyl1Hpyrazoliumdihydrogenphosphat; 3,4Dimethylpyrazolphosphat; 3,4Dimethylpyrazolphosphat; DMPP	54773	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PIPERIDINE	piperidine	110894	Classified as 'toxic in contact with skin' (GHS H311).	
PIPERIDINE	piperidine	110894	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINE	piperidine	110894	Classified as 'toxic if inhaled' (GHS H331).	
PIPERIDINE, 1-(2-CHLOROETHYL)-, HYDROCHLORIDE	1(2chloroethyl)piperidinium chloride	2008755	Classified as 'suspected of causing genetic defects' (GHS H341).	
PIPERIDINE, 1-(2-CHLOROETHYL)-, HYDROCHLORIDE	1(2chloroethyl)piperidinium chloride	2008755	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINE, 1-ETHYL-	1ethylpiperidine	766096	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINE, 1-ETHYL-	1ethylpiperidine	766096	Classified as 'toxic if inhaled' (GHS H331).	
PIPERIDINE, 1-FORMYL-	PiperidineNcarbaldehyde	2591868	Classified as 'toxic in contact with skin' (GHS H311).	
PIPERIDINE, 1-METHYL-	1methylpiperidine	626675	Classified as 'toxic in contact with skin' (GHS H311).	
PIPERIDINE, 1-METHYL-	1methylpiperidine	626675	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINE, 1-METHYL-	1methylpiperidine	626675	Classified as 'toxic if inhaled' (GHS H331).	
PIPERIDINE, 1-NITroso-	<N</N>-Nitrosopiperidine	100754	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
PIPERIDINE, 1-NITroso-	NNitrosopiperidine	100754	California Proposition 65 listed for cancer	
PIPERIDINE, 1-NITroso-	NNitrosopiperidine (see NNitrosamines: 15 listings)	100754	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PIPERIDINE, 1-NITroso-	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPERIDINE, 1-NITroso-	NNitrosopiperidine	100754	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PIPERIDINE, 2-PROPYL-, (S)-	Coniine	458888	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPERIDINE, 2-PROPYL-, (S)-	Coniine	458888	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPERIDINE, 2,2,6,6-TETRAMETHYL-	2,2,6,6tetramethylpiperidine	768661	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINE, 4-(DIPHENYLMETHOXY)-1-METHYL-	Diphenylpyraline (INN) and its salts	147206	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPERIDINE, 4-(DIPHENYLMETHOXY)-1-METHYL-	Diphenylpyraline and its salts	147206	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PIPERIDINE, 4-AMINO-2,2,6,6-TETRAMETHYL-	2,2,6,6tetramethyl4piperidylamine	36768624	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIPERIDINIUM, 1-ALPHA-CARBOXYBENZYL-1-METHYL-, IODIDE, ESTER WITH DIETHYL(2-(2-HYDROXYETHOXY)	Pipocurarium iodide (INN)	3562558	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PIPERIDINOXY, 2,2,6,6-TETRAMETHYL-	2,2,6,6tetramethylpiperidinoxy	2564832	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PIRIMICARB	Primicarb	23103982	California Proposition 65 listed for cancer	
PIRIMICARB	Primicarb	23103982	Europe prohibits this ingredient in cosmetics	
PIROCTONE OLAMINE	1hydroxy4methyl6(2,4,4trimethylpentyl)pyridin2(1H)one, compound with 2aminoethanol (1:1)	68890664	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PLANTAGO OVATA	Psyllium	8063169	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
PLANTAGO OVATA	Psyllium	8063169	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PLATINUM, DIAMMINE[1,1-CYCLOBUTANEDICARBOXYLATO(2--O,O')-, (SP-4-2)-	Carboplatin	41575944	California Proposition 65 listed for developmental	
PLATINUM(II), DIAMMINEDICHLORO-, CIS-	Cisplatin	15663271	California Proposition 65 listed for cancer	
PLATINUM(II), DIAMMINEDICHLORO-, CIS-	Cisplatin	15663271	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PLATINUM(II), DIAMMINEDICHLORO-, CIS-	Cisplatin	15663271	Probably carcinogenic to humans' IARC (Category 2A, Volume 26, Sup 7 1987)	
PLATINUM(II), DIAMMINEDICHLORO-, CIS-	Etoposide in combination with cisplatin and bleomycin	15663271	Carcinogenic to humans' IARC (Category 1, Volume 76, 100A 2012)	
PLATINUM(II), DIAMMINEDICHLORO-, CIS-	Cisplatin	15663271	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PLUTONIUM	Plutonium	7440075	Carcinogenic to humans' IARC (Category 1, Volume 78, 100D 2012)	
POLY(OXY-1,2-ETHANEDIYL), ALPHA;-(NONYLPHENYL)-OMEGA;-HYDROXY-, BRANCHED	Nonylphenol, branched, ethoxylated	37205871; 68412544	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POLY(OXY(METHYL-1,2-ETHANEDIYL), ALPHA-(2-AMINOMETHYLETHYL)-OMEGA-(2-AMINOMETHYLETHOXY)-	1(2aminopropoxy)2[2(2aminopropoxy)propoxy]propane; 1[1(2aminopropoxy)propan2yl]oxy]propan2amine; 5,8,11,14,17pentamethyl4,7,10,13,16,19hexaoxadocosane2,21diamine; 5,8,11,14tetramethyl4,7,10,13,16pentaaxanadecane2,18diamine; 5	9046100	Classified as 'toxic in contact with skin' (GHS H311).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
POLY(OXY(METHYL-1,2-ETHANEDIYL)), ALPHA-(2-AMINOMETHYLETHYL)-OMEGA-(2-AMINOMETHYLETHOXY)	1(2aminopropoxy)2[2(2aminopropoxy)propoxy]propane; 1{[1(2aminopropoxy)propan2yl]oxy}propan2amine; 5,8,11,14,17pentamethyl4,7,10,13,16,19hexaoxadocosane2,21diamine; 5,8,11,14tetramethyl4,7,10,13,16pentaaxanonadecane2,18diamine; 5	9046100	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POLYACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	90030104	Classified as 'may cause genetic defects' (GHS H340).	
POLYACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	90030104	Classified as 'may cause cancer' (GHS H350).	
POLYACRYLIC ACID	*; 2PROPENOIC ACID, HOMOPOLYMER; 2Propenoic acid, polymer with 2,2bis(hydroxymethyl)propane1,3diol 2propenyl ether; 618..347..7; Acrylic acid polymer, sodium salt; Acrylic Acid Polymers; acrylic polymer; acrylicacid; copolymer of a fatty alco	90030104	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POLYACRYLIC ACID	Polyacrylic acid	9003014	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
POLYAMIDE	polyamide		Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYAMINOPROPYL BIGUANID	Polyaminopropyl biguanide	133029-32-0	According to the harmonised classification and labelling (ATP09) approved by the European Union, this substance is suspected of causing cancer.	X
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPROPYL BIGUANIDE	27083278	According to the harmonised classification and labelling (ATP09) approved by the European Union, this substance is fatal if inhaled, causes damage to organs through prolonged or repeated exposure, is very toxic to aquatic life, is very toxic to aquatic life with long lasting effects, is harmful if swallowed, causes serious eye damage, is suspected of causing cancer and may cause an allergic skin reaction	
Polyaspartic Acid	2Butenedioic acid (2Z), ammonium salt (1:?), homopolymer, hydrolyzed, sodium salts	181828068	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
POLYCHLORINATED BIPHENYL (AROCLOR 1242)	PCB Aroclor 1242	53469219	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYCHLORINATED BIPHENYL (AROCLOR 1248)	PCB Aroclor 1248	12672296	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYCHLORINATED BIPHENYL (AROCLOR 1254)	PCB Aroclor 1254	11097691	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYCHLORINATED BIPHENYL (AROCLOR 1260)	PCB Aroclor 1260 (Clophen A60)	11096825	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYCHLORINATED BIPHENYLS	PCB	1336363	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyl (PCBs)	1336363	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls	1336363	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls	1336363	Carcinogenic to humans' IARC (Category 1, Volume 18, Sup 7, 107 2016)	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls (PCBs)	1336363	EPA IRIS 'probable carcinogen'.	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls, dioxinlike, with a Toxicity Equivalency Factor (TEF) according to WHO (PCBs 77, 81, 105, 114, 118, 123, 126, 156, 157, 167, 169, 189)	1336363	Listed as an IARC Group 1 Carcinogen	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls	1336363	Listed as an IARC Group 1 Carcinogen	
POLYCHLORINATED BIPHENYLS	Polychlorinated biphenyls	1336363	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
POLYCHLORINATED TRIPHENYL (AROCLOR 5442)	PCT Aroclor 5442	12642238	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
Polycyclic Aromatic Hydrocarbons (PAHs)	Polycyclic Aromatic Hydrocarbons (PAHs)		The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
Polycyclic Aromatic Hydrocarbons (PAHs)	POLYCYCLIC AROMATIC HYDROCARBONS		Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
POLYESTER	POLYESTER		Nonbiodegradable microplastic and wipe/sheet ingredients.	
Polyethoxylated Methyloctadecylammonium Methyl Sulfate	Polyethoxylated Methyloctadecylammonium Methyl Sulfate	38096683	Some quaternary ammonium compounds trigger asthma and may be toxic to human reproductive systems.	
POLYETHYLENE	Polyethylene	9002884	Nonbiodegradable microplastic and wipe/sheet ingredients.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Polyethylene Glycol Polyester	Polyethylene Glycol Polyester	9016880	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYETHYLENE TEREPHTHALATE	polyethylene terphthalate	25038599	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYGLYCERYL-4 LAURYL ETHER	3(dodecyloxy)propane1,2diol; 3{[1{[1(dodecyloxy)3hydroxypropan2yl]oxy}3hydroxypropan2yl]oxy]propane1,2diol; 3{[1{[1(dodecyloxy)3hydroxypropan2yl]oxy}propane1,2diol	9022757	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POLYMETHACRYLAMIDOPROPYL-TRIMONIUM CHLORIDE	POLYMETHACRYLAMIDOPROPYLTRIMONIUM CHLORIDE	68039134	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYMETHACRYLIC ACID	POLYMETHACRYLIC ACID	25087267	According to the European Detergent Ingredient Database, this ingredient is persistent and has moderate aquatic toxicity.	
POLYMETHYL METHACRYLATE	Polymethyl Methacrylate	87210320	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYMETHYL METHACRYLATE	Polymethyl Methacrylate	9011147	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYMETHYL METHACRYLATE	Polymethyl Methacrylate	9011147	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
POLYMETHYLENEPOLYPHENYL ISOCYANATE	Formaldehyde, oligomeric reaction products with aniline and phosgene	9016879; 32055144	Classified as 'suspected of causing cancer' (GHS H351).	
POLYMETHYLENEPOLYPHENYL ISOCYANATE	Formaldehyde, oligomeric reaction products with aniline and phosgene	9016879; 32055144	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
POLYMETHYLENEPOLYPHENYL ISOCYANATE	Mixture of Prepolymer of Polymethylene Polyphenylisocyanate (PPI) and 4,4'Methylenediphenyl Diisocyanate (MDI)	9016879; 101688	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYMETHYLENEPOLYPHENYL ISOCYANATE	Polymethylene Polyphenylisocyanate	9016879	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYMETHYLMETHACRYLATE	Polymethyl Methacrylate	9011147	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYMETHYLMETHACRYLATE	Polymethyl Methacrylate	9011147	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
POLYOXYMETHYLENE MELAMINE	Melamine resin	9003081	According to the classification provided by companies to ECHA, respiratory and skin sensitization are properties of concern for this ingredient.	
POLYOXYMETHYLENE MELAMINE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
POLYOXYMETHYLENE MELAMINE UREA	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
POLYOXYMETHYLENE UREA	POLYOXYMETHYLENE UREA	68611643	This ingredient forms formaldehyde which causes allergic skin reactions.	
POLYOXYMETHYLENE UREA	Urea Formaldehyde Resin	68611643	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYOXYMETHYLENE UREA	Urea Formaldehyde Resin	9011056	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG ETHER DIISOSTEARATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG PHOSPHATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYPERFLUOROMETHYLISOPROPYL ETHER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYPROPYLENE	Polypropylene	9003070	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYPROPYLENE	Polypropylene, Heated	9003070	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
POLYQUATERNIUM-80	POLYQUATERNIUM 80		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM 38	POLYQUATERNIUM 38		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM 69	POLYQUATERNIUM 69	748809452	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM 76	POLYQUATERNIUM 76		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-1	Polyquaternium1	75345276	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-10	POLYQUATERNIUM10	68610924	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-11	POLYQUATERNIUM11	53633548	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-12	POLYQUATERNIUM12	68877509	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-15	POLYQUATERNIUM15	35429197	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-16	POLYQUATERNIUM16	95144244	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-18	POLYQUATERNIUM18		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-2	Polyquaternium2	68555362	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-2	Polyquaternium2	68555362	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
POLYQUATERNIUM-20	POLYQUATERNIUM20	110736862	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-22	Polyquaternium22		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-24	POLYQUATERNIUM24	98616252	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-28	POLYQUATERNIUM28		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-30	POLYQUATERNIUM30	147398774	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-32	POLYQUATERNIUM15	35429197	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-32	POLYQUATERNIUM32	35429197	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-33	POLYQUATERNIUM33	69418264	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-37	POLYQUATERNIUM37	26161331	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-39	Polyquaternium39	25136758	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-4	POLYQUATERNIUM4		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-4/HYDROXYPROPYL STARCH COPOLYMER	POLYQUATERNIUM4/HYDROXYPROPYL STARCH COPOLYMER		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-43	POLYQUATERNIUM43		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-44	POLYQUATERNIUM44		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-46	POLYQUATERNIUM46	174761161	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-47	POLYQUATERNIUM47		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-5	Polyquaternium 5	26006224	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-5	POLYQUATERNIUM5	26006224	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-51	POLYQUATERNIUM51	125275254	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-52	POLYQUATERNIUM52		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-53	POLYQUATERNIUM53	84647381	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-55	POLYQUATERNIUM55	306769733	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-57	POLYQUATERNIUM57		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-59	POLYQUATERNIUM59		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-6	Polyquaternium 6	26062793	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-6	POLYQUATERNIUM6	26062793	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-63	POLYQUATERNIUM63		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-64	POLYQUATERNIUM64		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-65	POLYQUATERNIUM65		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-67	POLYQUATERNIUM67		Polyquaternium compounds are persistent and have high aquatic toxicity.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
POLYQUATERNIUM-68	POLYQUATERNIUM68		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-7	Polyquaternium 7	26590056	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-7	POLYQUATERNIUM7	26590056	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-72	POLYQUATERNIUM72		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-73	POLYQUATERNIUM73		Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYQUATERNIUM-87	POLYQUATERNIUM87	29297550	Polyquaternium compounds are persistent and have high aquatic toxicity.	
POLYRAM	Fatty acids, C18unsaturated, reaction products with amines, polyethylenepoly, (tetraethylenepentamine, pentaethylenhexamine, hexaethylenheptamine fractions); POLYRAM	9006422	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POLYRAM	Fatty acids, C18unsaturated, reaction products with amines, polyethylenepoly, (tetraethylenepentamine, pentaethylenhexamine, hexaethylenheptamine fractions); POLYRAM	9006422	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POLYRAM	Metiram	9006422	California Proposition 65 listed for developmental	
POLYRAM	Metiram	9006422	California Proposition 65 listed for cancer	
POLYRAM	Metiram (Metiramcomplex)	9006422	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
POLYSILICONE-15	a(trimethylsilyl)w(trimethylsilyl)oxy)poly[oxy(dimethyl)silylen]co[oxy(methyl)(2(p[2,2bis(ethoxy)carbonyl]vinyl)phenoxy)1methylenethyl)silylen]co[oxy(methyl)(2(p[2,2bis(ethoxy)carbonyl]vinyl)phenoxy)prop1enyl)silylen]; Dimethicodieth	207574741	Classified as 'fatal if inhaled' (GHS H330).	
POLYSTYRENE	Polystyrene	9003536	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYTETRAFLUOROETHYLENE ACETOXYPROPYL BETAINE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
POLYURETHANE	Polyurethane	9009545	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYVINYL CHLORIDE	Polyvinyl Chloride	9002862	Nonbiodegradable microplastic and wipe/sheet ingredients.	
POLYVINYL CHLORIDE	Polyvinyl Chloride (Nonheated)	9002862	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
POLYVINYL CHLORIDE	Polyvinyl Chloride (Nonheated)	9002862	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Ponceau SX (Uncertified FD&C Red No. 4)	Disodium 3 [(2,4dimethylsulphonatophenyl)azo]4hydroxynaphthalene1sulphonate (Ponceaux SX; CI 14700) when used as a substance in hair dye products	4548532	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Ponceau SX (Uncertified FD&C Red No. 4)	Uncertified color additives subject to batch certification	4548532	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
POTASSIUM	potassium	74400907	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM BIFLUORIDE	Potassium hydrogendifluoride	7789299	Classified as 'fatal in contact with skin' (GHS H310).	
POTASSIUM BIFLUORIDE	Potassium hydrogendifluoride	7789299	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM BORATE	Dipotassium tetraborate	1332770; 12045782	Classified as 'may damage fertility or the unborn child' (GHS H360).	
POTASSIUM BORATE	Dipotassium tetraborate	1332770; 12045782	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
POTASSIUM BOROHYDRATE	Potassium tetrahydroborate	13762511	Classified as 'toxic in contact with skin' (GHS H311).	
POTASSIUM BOROHYDRATE	Potassium tetrahydroborate	13762511	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM BROMATE	potassium bromate	7758012	California Proposition 65 listed for cancer	
POTASSIUM BROMATE	potassium bromate	7758012	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
POTASSIUM BROMATE	potassium bromate	2139594	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
POTASSIUM BROMATE	potassium bromate	77580102	Classified as 'may cause cancer' (GHS H350).	
POTASSIUM BROMATE	potassium bromate	77580102	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM BROMATE	potassium bromate	7758012	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
POTASSIUM BROMIDE	POTASSIUM BROMIDE	77580203	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
POTASSIUM CAROATE	Pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693628	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM CHROMATE	potassium chromate	7789006	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
POTASSIUM CHROMATE	potassium chromate	7789006	Classified as 'may cause genetic defects' (GHS H340).	
POTASSIUM CYANIDE	Potassium Cyanide	151508	Classified as 'fatal in contact with skin' (GHS H310).	
POTASSIUM CYANIDE	Potassium Cyanide	151508	Classified as 'fatal if inhaled' (GHS H330).	
POTASSIUM CYANIDE	Potassium Cyanide	151508	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POTASSIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	151508	California Prop65 Chemical (male)	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'may cause cancer' (GHS H350).	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'fatal if inhaled' (GHS H330).	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POTASSIUM DICHROMATE	potassium dichromate	7778509	Classified as 'may cause genetic defects' (GHS H340).	
POTASSIUM ETHANOLATE	potassium ethanolate	917588	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM FLUORIDE	potassium fluoride	7789233	Classified as 'fatal in contact with skin' (GHS H310).	
POTASSIUM FLUORIDE	potassium fluoride	7789233	Classified as 'toxic in contact with skin' (GHS H311).	
POTASSIUM FLUORIDE	potassium fluoride	7789233	Classified as 'toxic if inhaled' (GHS H331).	
POTASSIUM FLUOROSILICATE	Dipotassium hexafluorosilicate	16871902	Classified as 'toxic in contact with skin' (GHS H311).	
POTASSIUM FLUOROSILICATE	Dipotassium hexafluorosilicate	16871902	Classified as 'toxic if inhaled' (GHS H331).	
POTASSIUM HEPTAFLUOROTANTALATE	Dipotassium heptafluorotantalate	16924008	Classified as 'toxic if inhaled' (GHS H331).	
POTASSIUM HYDROGENSULPHATE	potassium hydrogensulphate	7646937	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM IODIDE	POTASSIUM IODIDE	7681110	Classified as 'may damage fertility or the unborn child' (GHS H360).	
POTASSIUM IODIDE	POTASSIUM IODIDE	7681110	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
POTASSIUM LAURYL SULFATE	Potassium dodecyl sulphate	4706789	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
POTASSIUM N-METHYLDITHIOCARBAMATE	Metam potassium	137417	California Proposition 65 listed for cancer	
POTASSIUM NITRITE	potassium nitrite	7758090	Classified as 'toxic in contact with skin' (GHS H311).	
POTASSIUM PERMANGANATE	potassium permanganate	7722647	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM PERMANGANATE	potassium permanganate	7722647	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POTASSIUM PERSULFATE	dipotassium peroxodisulphate	7727211	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
POTASSIUM PHOSPHATE	Tripotassium orthophosphate	7778532	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM SILVER CYANIDE	Potassium dicyanoargentate	506616	Classified as 'fatal in contact with skin' (GHS H310).	
POTASSIUM SILVER CYANIDE	Potassium dicyanoargentate	506616	Classified as 'fatal if inhaled' (GHS H330).	
POTASSIUM SILVER CYANIDE	Potassium dicyanoargentate	506616	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
POTASSIUM SILVER CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	506616	California Prop65 Chemical (male)	
POTASSIUM SUPEROXIDE	Potassium superoxide	12030885	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM THIOCYANATE	Potassium thiocyanate	333200	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PRASEODYMIUM CHLORIDE	Praseodymium trichloride	10361792	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PRASEODYMIUM OXIDE	Praseodymium(III,IV) oxide	12037295	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PRASEODYMIUM(III) NITRATE (1:3)	Praseodymium trinitrate	10361805	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PREG-4-ENE-3,20-DIONE, 21-(3-CARBOXY-1-OXOPROPOXY)-11,17-DIHYDROXY-, (11-BETA)-	Hydrocortisone 21(hydrogen succinate)	2203976	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREG-4-ENE-3,20-DIONE, 21-(3-CARBOXY-1-OXOPROPOXY)-11,17-DIHYDROXY-, (11-BETA)-	Hydrocortisone 21(hydrogen succinate)	2203976	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGN-4-ENE-3,20-DIONE, 11-HYDROXY-, (11-ALPHA)-	11 alphaHydroxypreg4ene3,20dione and its esters	80751	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PREGN-4-ENE-3,20-DIONE, 11-HYDROXY-, (11-ALPHA)-	11αHydroxypreg4ene3,20dione and its esters	80751	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-, ACETATE	Hydroxyprogesterone acetate	302238	Classified as 'suspected of causing cancer' (GHS H351).	
PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-, ACETATE	Hydroxyprogesterone acetate	302238	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGN-4-ENE-3,20-DIONE, 17-HYDROXY-, ACETATE	Hydroxyprogesterone acetate	302238	Classified as 'may cause harm to breastfed children' (GHS H362).	
PREGN-4-ENE-3,20-DIONE, 6-ALPHA-FLUORO-11-BETA,16-ALPHA,17,21-TETRAHYDROXY-, CYCLIC 16,17-	Glucocorticoids	1524885	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PREGNA-1-4-DIENE-3,20-DIONE, 9-CHLORO-16-BETA-METHYL-11-BETA,17,21-TRIHYDROXY-,17,21-	Beclomethasone dipropionate	5534098	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PREGNA-1,4-DIENE-3,11,20-TRIONE, 17,21-DIHYDROXY-, 21-ACETATE	Prednisone 21acetate	125100	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 11-BETA,17,21-TRIHYDROXY-, 21-(DIHYDROGEN PHOSPHATE),DISODIUM	Prednisolone sodium phosphate	125020	California Proposition 65 listed for developmental	
PREGNA-1,4-DIENE-3,20-DIONE, 21-CHLORO-6,9-DIFLUORO-11-HYDROXY-16-METHYL-17-(1-OXOPROPOXY)-,	Halobetasol propionate	66852548	California Proposition 65 listed for developmental	
PREGNA-1,4-DIENE-3,20-DIONE, 21-CHLORO-9-FLUORO-11-BETA,17-DIHYDROXY-16-BETA-METHYL-,17-	Clobetasol propionate	25122467	California Proposition 65 listed for developmental, female	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA-FLUORO-11-BETA,16-ALPHA,17,21-TETRAHYDROXY-,CYCLIC 16,17-	Flunisolide	3385033	California Proposition 65 listed for developmental, female	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA-FLUORO-11-BETA,21-DIHYDROXY-16-ALPHA-METHYL-	Fluocortolone	152976	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA-METHYL-11-BETA-17,21-TRIHYDROXY-	Methylprednisolone	83432	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA-METHYL-11-BETA-17,21-TRIHYDROXY-	Methylprednisolone	83432	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA,9-DIFLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-	Flumetasone	2135173	Classified as 'suspected of causing cancer' (GHS H351).	
PREGNA-1,4-DIENE-3,20-DIONE, 6-ALPHA,9-DIFLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-	Flumetasone	2135173	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-CHLORO-11,17,21-TRIHYDROXY-16-METHYL-, (11-BETA,16-BETA)-	Beclometasone	4419390	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-CHLORO-11,17,21-TRIHYDROXY-16-METHYL-, (11-BETA,16-BETA)-	Beclometasone	4419390	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-, ACETATE	Dexamethasone 21acetate	1177873	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-, ACETATE	Dexamethasone 21acetate	1177873	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-,21-	9fluoro11_17,21trihydroxy16_methylpregna1,4diene3,20dione 21(dihydrogen phosphate)	312936	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-,21-	Dexamethasone 21(disodium phosphate)	2392394	Classified as 'suspected of causing cancer' (GHS H351).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-,21-	Dexamethasone 21(disodium phosphate)	2392394	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-ALPHA-METHYL-,21-	Dexamethasone 21(disodium phosphate)	2392394	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-BETA-METHYL-	Betamethasone	378449	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-BETA-METHYL-	Betamethasone	378449	Classified as 'fatal if inhaled' (GHS H330).	
PREGNA-1,4-DIENE-3,20-DIONE, 9-FLUORO-11-BETA,17,21-TRIHYDROXY-16-BETA-METHYL-	Betamethasone	378449	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PREGNA-4,6-DIENE-21-CARBOXYLIC ACID, 17-HYDROXY-3-OXO-, GAMMA-LACTONE, (17-ALPHA)-	Canrenone	976716	Classified as 'suspected of causing cancer' (GHS H351).	
PREGNA-4,6-DIENE-21-CARBOXYLIC ACID, 17-HYDROXY-3-OXO-, GAMMA-LACTONE, (17-ALPHA)-	Canrenone	976716	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE	Megestrol acetate	595335	California Proposition 65 listed for cancer	
PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE	Megestrol acetate	595335	California Proposition 65 listed for developmental	
PREGNA-4,6-DIENE-3,20-DIONE, 17-HYDROXY-6-METHYL-, ACETATE	Megestrol acetate	595335	California Prop65 Chemical (cancer)	
PREGNA-5,16-DIEN-20-ONE, 3-(ACETYLOXY)-, (3-BETA)-	20oxopregna5,16dien3_yl acetate	979022	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PREGNA-5,16-DIEN-20-ONE, 3-(ACETYLOXY)-, (3-BETA)-	20oxopregna5,16dien3_yl acetate	979022	Classified as 'may cause harm to breastfed children' (GHS H362).	
PREGNA-5,16-DIEN-20-ONE, 3-(ACETYLOXY)-, (3-BETA)-	20oxopregna5,16dien3_yl acetate	979022	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PREGNENOLONE	Pregnenolone	145131	Classified as 'suspected of causing cancer' (GHS H351).	
PREGNENOLONE	Pregnenolone	145131	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PRENOL	3methylbut2en1ol	556821	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROGESTERONE	Progesterone	57830	California Proposition 65 listed for cancer	
PROGESTERONE	Progesterone	57830	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PROGESTERONE	Progesterone	57830	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PROP-2-YN-1-OL	prop2yn1ol	107197	Classified as 'fatal in contact with skin' (GHS H310).	
PROP-2-YN-1-OL	prop2yn1ol	107197	Classified as 'toxic in contact with skin' (GHS H311).	
PROP-2-YN-1-OL	prop2yn1ol	107197	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROP-2-YN-1-OL	prop2yn1ol	107197	Classified as 'fatal if inhaled' (GHS H330).	
PROP-2-YN-1-OL	prop2yn1ol	107197	Classified as 'toxic if inhaled' (GHS H331).	
PROPACHLOR	Propachlor	1918167	California Proposition 65 listed for cancer	
PROPANAMIDE, 2-(((4-(3-FLUOROPHENYL)METHOXY)PHENYL)METHYL)AMINO)-, (S)-	(2S)2[[(4[(3fluorophenyl)methoxy]phenyl)methyl]amino]propanamide	133865891	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PROPANAMIDE, N-((4-(5-METHYL-3-PHENYL-4-ISOXAZOLYL)PHENYL)SULFONYL)-	N[[4(5methyl3phenyl1,2oxazol4yl)phenyl]sulfonyl]propanamide	198470847	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PROPANE	propane	74986	Prohibited aerosol propellant	

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PROPANE, 1-(N,N-DIMETHYLAMINO)-2-CHLORO-, HYDROCHLORIDE	2chloropropylidimethylammonium chloride	4584490	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PROPANE, 1-(P-TERT-BUTYLPHENOXY)-2,3-EPOXY-	ptertbutylphenyl 1(2,3epoxy)propyl ether	3101608	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANE, 1-BROMO-3-CHLORO-	1bromo3chloropropane	109706	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPANE, 1-BROMO-3-CHLORO-	1bromo3chloropropane	109706	Classified as 'toxic if inhaled' (GHS H331).	
PROPANE, 1-BROMO-3-CHLORO-	1bromo3chloropropane	109706	Listed as an IARC Group 2B Carcinogen	
PROPANE, 1-iodo-	1iodopropane	107084	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPANE, 1-iodo-	1iodopropane	107084	Classified as 'suspected of causing cancer' (GHS H351).	
PROPANE, 1,1,1,2,3,3,3-HEPTAFLUORO-2-iodo-	1,1,1,2,3,3,3heptafluoro2iodopropane	677690	Classified as 'toxic if inhaled' (GHS H331).	
PROPANE, 1,1,1,3,3,3-HEXAFLUORO-	1,1,1,3,3,3hexafluoropropane	690391	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPANE, 1,2-DIBROMO-1,1,2,3,3,3-HEXAFLUORO-	1,2dibromo1,1,2,3,3,3hexafluoropropane	661950	Classified as 'fatal if inhaled' (GHS H330).	
PROPANE, 1,2-EPOXY-2-METHYL-	2,2dimethyloxirane	558305	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPANE, 1,2-EPOXY-2-METHYL-	2,2dimethyloxirane	558305	Classified as 'suspected of causing cancer' (GHS H351).	
PROPANE, 1,2-EPOXY-2-METHYL-	2,2dimethyloxirane	558305	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANE, 1,2-EPOXY-3-(O-METHOXYPHENOXY)-	[(omethoxyphenoxy)methyl]oxirane	2210744	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPANE, 1,2-EPOXY-3-(O-TOLYOXY)-	2,3 Epoxypropyl otolyl ether	2210799	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPANE, 1,2-EPOXY-3-(O-TOLYOXY)-	2,3Epoxypropyl otolyl ether	2210799	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPANE, 1,2-EPOXY-3-(P-TOLYOXY)-	[[p Tolyloxy)methyl]oxirane	2186245	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPANE, 1,2-EPOXY-3-(TOLYOXY)-	[[Tolyloxy)methyl]oxirane, cresyl glycidyl ether	26447143	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPANE, 1,2-EPOXY-3-ISOPROPOXY-	2,3epoxypropyl isopropyl ether	4016142	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PROPANE, 1,2-EPOXY-3-ISOPROPOXY-	2,3epoxypropyl isopropyl ether	4016142	Classified as 'toxic if inhaled' (GHS H331).	
PROPANE, 1,3-DICHLORO-2,2-BIS(4-METHOXY-3-METHYLPHENYL)-	1,3Dichloro2,2bis(4methoxy3methylphenyl)propane	30668065	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PROPANE, 2-CHLORO-	(1Z)1chloroprop1ene; 2chloroprop1ene; 2chloropropane	75296	Classified as 'suspected of causing cancer' (GHS H351).	
PROPANE, 2-ETHOXY-2-METHYL	2ethoxy2methylpropane	637923	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPANE, 2-ETHOXY-2-METHYL	PROPANE, 2-ETHOXY-2-METHYL	637923	According to IRIS, this substance has suggestive evidence of carcinogenic potential.	
PROPANE, 2,2'-OXYBIS-	Diisopropyl ether	108203	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPANEDIOIC ACID, ((3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXYPHENYL)METHYL)BUTYL-, BIS(1,2,2,6,6-	Bis(1,2,2,6,6pentamethyl4piperidyl) [[3,5bis(1,1dimethylethyl)4hydroxyphenyl]methyl]butylmalonate	63843890	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PROPANENITRILE, 2-METHYL-	Isobutyronitrile	78820	Classified as 'fatal in contact with skin' (GHS H310).	
PROPANENITRILE, 2-METHYL-	Isobutyronitrile	78820	Classified as 'toxic in contact with skin' (GHS H311).	
PROPANENITRILE, 2-METHYL-	Isobutyronitrile	78820	Classified as 'toxic if inhaled' (GHS H331).	
PROPANENITRILE, 2,2-DIMETHYL-	Pivalonitrile	630182	Classified as 'toxic in contact with skin' (GHS H311).	
PROPANENITRILE, 2,2-DIMETHYL-	Pivalonitrile	630182	Classified as 'toxic if inhaled' (GHS H331).	
PROPANENITRILE, 3-((3-(DIMETHYLAMINO)PROPYL)AMINO)-	3[[3(dimethylamino)propyl]amino]propionitrile	69852455	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANOIC ACID, 2-(4-((6-CHLORO-2-QUINOXALINYL)OXY)PHENOXY)-, ETHYL ESTER	Quizalofopethyl	76578148	California Proposition 65 listed for male	
PROPANOIC ACID, 2-BROMO-	2bromopropionic acid	598721	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANOIC ACID, 2-BROMO-, ETHYL ESTER	Ethyl 2bromopropionate	535115	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANOIC ACID, 2-METHYL-, ANHYDRIDE	Isobutyric anhydride	97723	Classified as 'toxic in contact with skin' (GHS H311).	
PROPANOIC ACID, 2-METHYL-, ANHYDRIDE	Isobutyric anhydride	97723	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANOIC ACID, 2-METHYL-, ANHYDRIDE	Isobutyric anhydride	97723	Classified as 'toxic if inhaled' (GHS H331).	
PROPANOIC ACID, 2,3-DIBROMO-, ETHYL ESTER	Ethyl 2,3dibromopropionate	3674133	Classified as 'toxic in contact with skin' (GHS H311).	
PROPANOIC ACID, 2,3-DIBROMO-, ETHYL ESTER	Ethyl 2,3dibromopropionate	3674133	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPANOIC ACID, 3-MERCAPTO-, METHYL ESTER	METHYL 3MERCAPTOPROPIONATE	2935902	Classified as 'fatal if inhaled' (GHS H330).	
PROPANOIC ACID, 3-MERCAPTO-, METHYL ESTER	METHYL 3MERCAPTOPROPIONATE	2935902	Classified as 'toxic if inhaled' (GHS H331).	
PROPANOIC ACID, 3-MERCAPTO-, METHYL ESTER	METHYL 3MERCAPTOPROPIONATE	2935902	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PROPANOIC ACID, CADMIUM SALT	Cadmium Compounds	16986837	Listed on the 14th Report on Carcinogens as a known carcinogen	
PROPANOYL CHLORIDE, 3-CHLORO-	3chloropropionyl chloride	625365	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PROPANOYL CHLORIDE, 3-CHLORO-	3Chloropropionyl chloride	625365	Classified as 'fatal if inhaled' (GHS H330).	
PROPARGITE	Propargite	2312358	California Proposition 65 listed for cancer	
PROPARGITE	Propargite	2312358	California Proposition 65 listed for developmental	
PROPARGITE	Propargite	2312358	Classified as 'suspected of causing cancer' (GHS H351).	
PROPARGITE	Propargite	2312358	Classified as 'toxic in contact with skin' (GHS H311).	
PROPARGITE	Propargite	2312358	Classified as 'fatal if inhaled' (GHS H330).	
PROPARGITE	Propargite	2312358	Classified as 'toxic if inhaled' (GHS H331).	
PROPARGITE	Propargite	2312358	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PROPARGITE	Propargite (ISO)	2312358	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPАЗINE	Propazine	139402	California Proposition 65 listed for developmental, female	
PROPАЗINE	Propazine	139402	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPАЗINE	Propazine	139402	Classified as 'suspected of causing cancer' (GHS H351).	
PROPАЗINE	Propazine	139402	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PROPАЗINE	Propazine	139402	California Prop65 Chemical (developmental, female)	
PROPENE, 1-CHLORO-2-METHYL-	1Chloro2methylpropene	513371	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63 1995)	
PROPENE, 1-CHLORO-2-METHYL-	Dimethylvinyl Chloride	513371	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PROPENE, 1-CHLORO-2-METHYL-	Dimethylvinylchloride	513371	California Proposition 65 listed for cancer	
PROPENE, 1-CHLORO-2-METHYL-	Dimethylvinyl Chloride	513371	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	California Proposition 65 listed for cancer	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	EPA IRIS 'probable carcinogen'.	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	EPA IRIS 'known/likely carcinogen'.	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	Classified as 'toxic in contact with skin' (GHS H311).	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	Classified as 'toxic if inhaled' (GHS H331).	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene (see 1,3Dichloropropene [Technical Grade])	542756	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene (technicalgrade)	542756	Possibly carcinogenic to humans' IARC (Category 2B, Volume 41, Sup 7, 71 1999)	
PROPENE, 1,3-DICHLORO-	1,3Dichloropropene	542756	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PROPENE, 3-BROMO-	3bromopropene	106956	Classified as 'may cause cancer' (GHS H350).	
PROPENE, 3-BROMO-	3bromopropene	106956	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPENE, 3-BROMO-	3bromopropene	106956	Classified as 'fatal if inhaled' (GHS H330).	
PROPENE, 3-BROMO-	3bromopropene	106956	Classified as 'toxic if inhaled' (GHS H331).	
PROPENE, 3-BROMO-	3bromopropene	106956	Classified as 'may cause genetic defects' (GHS H340).	
PROPENE, 3,3,3-TRIFLUORO-	3,3,3trifluoropropene	677214	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPENE, 3,3,3-TRIFLUORO-2-(TRIFLUOROMETHYL)-	3,3,3trifluoro2(trifluoromethyl)propene	382105	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPENE, 3,3,3-TRIFLUORO-2-(TRIFLUOROMETHYL)-	3,3,3trifluoro2(trifluoromethyl)propene	382105	Classified as 'toxic if inhaled' (GHS H331).	
PROPIOLIC ACID	Propiolic acid	471250	Classified as 'fatal in contact with skin' (GHS H310).	
PROPIOLIC ACID	Propiolic acid	471250	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIOLIC ACID	Propiolic acid	471250	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONALDEHYDE, 3-(METHYLTHIO)-	3(METHYLTHIO)PROPIONALDEHYDE	3268493	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONIC ACID	Propionic acid	79094	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-	Mecoprop	7085190	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-	Mecoprop	7085190	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PROPIONIC ACID, 2-((4-CHLORO-O-TOLYL)OXY)-, POTASSIUM SALT	Potassium 2(4chloro2methylphenoxy)propionate	1929868	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
PROPIONIC ACID, 2-(3-BENZOYLPHENYL)-	(2S)2(3benzoylphenyl)propanoic acid; (S)(+)Ketoprofen; Benzeneacetic acid, 3benzoylalphamethyl (alphaS); Benzeneacetic acid, 3benzoyl_methyl, (L_S); 3benzoylalphamethyl benzeneacetic acid	22161815	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONIC ACID, 2-(3-BENZOYLPHENYL)-	(2S)2(3benzoylphenyl)propanoic acid; (S)(+)Ketoprofen; Benzeneacetic acid, 3benzoylalphamethyl (alphaS); Benzeneacetic acid, 3benzoyl_methyl, (L_S); 3benzoylalphamethyl benzeneacetic acid	22161815	Classified as 'toxic if inhaled' (GHS H331).	
PROPIONIC ACID, 2-(3-BENZOYLPHENYL)-	Ketoprofen	22071154	Classified as 'toxic if inhaled' (GHS H331).	
PROPIONIC ACID, 2-(6-METHOXY-2-NAPHTHYL)-, (+)-	naproxen	22204531	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PROPIONIC ACID, 2-(P-CHLOROPHENOXY)-2-METHYL-, ETHYL ESTER	Clofibrate	637070	California Proposition 65 listed for cancer	
PROPIONIC ACID, 2-METHYL-2-(P-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)-	Nafenopin	3771195	California Proposition 65 listed for cancer	
PROPIONIC ACID, 2-METHYL-2-(P-(1,2,3,4-TETRAHYDRO-1-NAPHTHYL)PHENOXY)-	Nafenopin	3771195	Possibly carcinogenic to humans' IARC (Category 2B, Volume 24, Sup 7 1987)	
PROPIONIC ACID, 3-CHLORO-	3chloropropionic acid	107948	Classified as 'suspected of causing genetic defects' (GHS H341).	
PROPIONIC ACID, 3-CHLORO-	3chloropropionic acid	107948	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONIC ACID, 3-METHOXY-, METHYL ESTER	Methyl 3methoxypropionate	38520903	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PROPIONIC ANHYDRIDE	propionic anhydride	123626	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONITRILE	Propionitrile	107120	Classified as 'fatal in contact with skin' (GHS H310).	
PROPIONITRILE	Propionitrile	107120	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONITRILE, 3-(DIMETHYLAMINO)-	3dimethylaminopropionitrile	1738256	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PROPIONITRILE, 3-(METHYLNITROSAMINO)-	3(Nitrosomethylamino)propionitrile	60153493	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 85 2004)	
PROPIONITRILE, 3-(METHYLNITROSAMINO)-	3(NNitrosomethylamino) propionitrile	60153493	California Proposition 65 listed for cancer	
PROPIONITRILE, 3-(TRICHLOROSILYL)-	3(trichlorosilyl)propionitrile	1071223	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONITRILE, 3-(TRICHLOROSILYL)-	3(trichlorosilyl)propionitrile	1071223	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONITRILE, 3,3'-(METHYLIMINO)DI-	3,3'(methylimino)bispropionitrile	1555584	Classified as 'toxic in contact with skin' (GHS H311).	
PROPIONYL CHLORIDE	propionyl chloride	79038	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPIONYL CHLORIDE	propionyl chloride	79038	Classified as 'toxic if inhaled' (GHS H331).	
PROPIOPHENONE, 2-(DIMETHYLAMINO)-	Metamfepramone (INN) and its salts	15351094	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPIOPHENONE, 2-(DIMETHYLAMINO)-	Metamfepramone and its salts	15351094	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PROPOXUR	Propoxur	114261	California Proposition 65 listed for cancer	
PROPYL ACETATE	PROPYL ACETATE	109604	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPYL CHLOROFORMATE	Propyl chloroformate	109615	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYL CHLOROFORMATE	Propyl chloroformate	109615	Classified as 'fatal if inhaled' (GHS H330).	
PROPYL CHLOROFORMATE	Propyl chloroformate	109615	Classified as 'toxic if inhaled' (GHS H331).	
PROPYLAMINE	Propylamine	107108	Classified as 'toxic in contact with skin' (GHS H311).	
PROPYLAMINE	Propylamine	107108	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE	Propylamine	107108	Classified as 'toxic if inhaled' (GHS H331).	
PROPYLAMINE, 3-(2-ETHYLHEXYLOXY)-	3(2ethylhexyloxy)propylamine	5397319	Classified as 'toxic in contact with skin' (GHS H311).	
PROPYLAMINE, 3-(2-ETHYLHEXYLOXY)-	3(2ethylhexyloxy)propylamine	5397319	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE, 3-(DIETHOXYMETHYLSILYL)-	3(diethoxymethylsilyl)propylamine	3179768	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE, 3-ETHOXY-	3ethoxypropylamine	6291856	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE, 3-METHOXY-	3methoxypropylamine	5332730	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE, ALPHA-METHYL-GAMMA-PHENYL-	1methyl3phenylpropylamine	22374896	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylpropylamine	924469	California Proposition 65 listed for cancer	
PROPYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylpropylamine	924469	California Prop65 Chemical (cancer)	
PROPYLENE CARBONATE	A mixture of: thio bis(4,1phenylene)S,S',S',S'tetraphenyldisulfonium bis hexafluorophosphate; diphenyl(4phenylthiophenyl)sulfonium hexafluorophosphate; propylene carbonate	74227353; 104558954	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PROPYLENE GLYCOL METHYL ETHER	1Methoxypropan2ol	107982	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PROPYLENE GLYCOL METHYL ETHER ACETATE	Propylene glycol methyl ether acetate	108656	This ingredient can cause central nervous system depression.	
PROPYLENE GLYCOL PROPYL ETHER	Propylene Glycol Propyl Ether	1569013	Ingredient is a VOC and classified as 'may cause respiratory irritation' (GHS H335).	
PROPYLENE GLYCOL t-BUTYL ETHER	1<tert-butyl>Butoxypropan2ol	57018527	Possibly carcinogenic to humans' IARC (Category 2B, Volume 88, 119 In prep.)	
PROPYLENE GLYCOL t-BUTYL ETHER	Propylene glycol monobutyl ether	57018527	California Proposition 65 listed for cancer	
PROPYLENE GLYCOL t-BUTYL ETHER	1tertbutoxypropan2ol	57018527	Listed as an IARC Group 2B Carcinogen	
PROPYLENE OXIDE	Methyloxirane (Propylene oxide)	75569	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROPYLENE OXIDE	Methyloxirane monomer	75569	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PROPYLENE OXIDE	Propylene oxide	75569	California Proposition 65 listed for cancer	
PROPYLENE OXIDE	Propylene oxide	75569	EWG F scoring ingredient under any condition of use.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PROPYLENE OXIDE	Propylene oxide	75569	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PROPYLENE OXIDE	Propylene oxide	75569	EPA IRIS 'probable carcinogen'.	
PROPYLENE OXIDE	Propylene oxide	75569	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 60 1994)	
PROPYLENE OXIDE	Propylene oxide	75569	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PROPYLENEDIAMINE	propylenediamine	78900	Classified as 'toxic in contact with skin' (GHS H311).	
PROPYLENEDIAMINE	propylenediamine	78900	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PROPYLENEDIAMINE	propylenediamine	78900	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PROPYLPARABEN	npropyl phydroxybenzoate	94133	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
PROPYLPARABEN	Propylparaben	94133	EWG F scoring ingredient under any condition of use.	
PROPYZAMIDE	Pronamide	23950585	California Proposition 65 listed for cancer	
PROPYZAMIDE	Propyzamide	23950585	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PROST-13-EN-1-OIC ACID, 11,16-DIHYDROXY-16-METHYL-9-OXO-, METHYL ESTER, (11-ALPHA,13E)-(+)-	Misoprostol	59122462	California Proposition 65 listed for developmental	
PROST-13-EN-1-OIC ACID, 11,16-DIHYDROXY-16-METHYL-9-OXO-, METHYL ESTER, (11-ALPHA,13E)-(+)-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PROSTA-5,13-DIEN-1-OIC ACID, (5Z,11-ALPHA,13E,15S)-11,15-DIHYDROXY-9-OXO-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PROSTA-5,13-DIEN-1-OIC ACID, 6,9-EPOXY-11,15-DIHYDROXY-, (5Z,9-ALPHA,11-ALPHA,13E,15S)-	Prostaglandins, their salts and derivatives and their analogs	745653; 155206001; 40665927; 363246; 35121789; 40666168; 130209824; 59122462; 209860877; 157283686; 81846197; 120373366; 130209766; 1005193645; 157283664	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PROXAN-SODIUM	OAlkyldithiocarbonic acids, salts of	140932; 140921; 1000904	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PRUNUS AFRICANA (AFRICAN CHERRY)	African Cherry		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PSYLLIUM GUM	Psyllium	8063169	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PSYLLIUM GUM	Psyllium	8063169	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene	396010	California Proposition 65 listed for cancer	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene	396010	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene (INN) and its salts	396010	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene and its salts	396010	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene	396010	Listed as an IARC Group 2B Carcinogen	
PTERIDINE, 2,4,7-TRIAMINO-6-PHENYL-	Triamterene	396010	California Prop65 Chemical (cancer)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PTFE (TEFLON)	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
PURINE-6-THIOL	Mercaptopurine	6112761	California Proposition 65 listed for developmental	
PURINE-6-THIOL, MONOHYDRATE	6,7dihydro3Hpurine6thione hydrate	6112761	Classified as 'suspected of causing cancer' (GHS H351).	
PURINE-6-THIOL, MONOHYDRATE	6,7dihydro3Hpurine6thione hydrate	6112761	Classified as 'suspected of causing genetic defects' (GHS H341).	
PURINE-6-THIOL, MONOHYDRATE	6,7dihydro3Hpurine6thione hydrate	6112761	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PURINE-6-THIOL, MONOHYDRATE	6,7dihydro3Hpurine6thione hydrate	6112761	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PURINE-6-THIOL, MONOHYDRATE	Mercaptopurine	6112761	California Proposition 65 listed for developmental	
PURINE-6(1H)-THIONE, 2-AMINO-	Thioguanine	154427	California Proposition 65 listed for developmental	
PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-	Azathioprine	446866	California Proposition 65 listed for developmental	
PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-	Azathioprine	446866	California Proposition 65 listed for cancer	
PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-	Azathioprine	446866	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-	Azathioprine	446866	Carcinogenic to humans' IARC (Category 1, Volume 26, Sup 7, 100A 2012)	
PURINE, 6-((1-METHYL-4-NITROIMIDAZOL-5-YL)THIO)-	Azathioprine	446866	Listed on the 14th Report on Carcinogens as a known carcinogen	
PVP-IODINE	PVNO/PVPI	25655418	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
pydiflumetofen	N-methoxy-N-[1-methyl-2-(2,4,6-trichlorophenyl)-ethyl]-3-(difluoromethyl)-1-methylpyrazole-4-carboxamide	1228284-64-7	This ingredient is banned the European Union	X
PYMETROZINE	Pymetrozine	123312890	California Proposition 65 listed for cancer	
PYMETROZINE	Pymetrozine (ISO)	123312890	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYRANO(3,4-B)INDOLE-1-ACETIC ACID, 1,3,4,9-TETRAHYDRO-1,8-DIETHYL-	Etodolac	41340254	California Proposition 65 listed for developmental, female	
PYRAZOLE	Pyrazole	288131	Classified as 'toxic in contact with skin' (GHS H311).	
PYRAZOLE, 3-METHYL-	3methylpyrazole	1453583	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
PYRAZOLE, 3-METHYL-	3methylpyrazole	1453583	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRAZOLE, 4-METHYL-	4methylpyrazole	7554656	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRENE	Pyrene	129000; 1718521	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PYRENE, 1-NITRO-	1Nitropyrene	5522430	California Proposition 65 listed for cancer	
PYRENE, 1-NITRO-	1Nitropyrene	5522430	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PYRENE, 1-NITRO-	1Nitropyrene	5522430	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 46, 105 2014)	
PYRENE, 1-NITRO-	1Nitropyrene	5522430	Listed as an IARC Group 2A Carcinogen	
PYRENE, 1-NITRO-	1Nitropyrene	5522430	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRENE, 1,3-DINITRO-	1,3Dinitropyrene	75321209	California Proposition 65 listed for cancer	
PYRENE, 1,3-DINITRO-	1,3Dinitropyrene	75321209	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 105 2014)	
PYRENE, 1,3-DINITRO-	1,3Dinitropyrene	75321209	Listed as an IARC Group 2B Carcinogen	
PYRENE, 1,3-DINITRO-	1,3Dinitropyrene	75321209	California Prop65 Chemical (cancer)	
PYRENE, 1,6-DINITRO-	1,6Dinitropyrene	42397648	California Proposition 65 listed for cancer	
PYRENE, 1,6-DINITRO-	1,6Dinitropyrene	42397648	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 105 2014)	
PYRENE, 1,6-DINITRO-	1,6Dinitropyrene (see Nitroarenes [Selected])	42397648	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PYRENE, 1,6-DINITRO-	1,6Dinitropyrene	42397648	Listed as an IARC Group 2B Carcinogen	
PYRENE, 1,6-DINITRO-	1,6Dinitropyrene	42397648	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRENE, 1,8-DINITRO-	1,8Dinitropyrene	42397659	California Proposition 65 listed for cancer	
PYRENE, 1,8-DINITRO-	1,8Dinitropyrene	42397659	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 46, 105 2014)	
PYRENE, 1,8-DINITRO-	1,8Dinitropyrene (see Nitroarenes [Selected])	42397659	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PYRENE, 1,8-DINITRO-	1,8Dinitropyrene	42397659	Listed as an IARC Group 2B Carcinogen	
PYRENE, 1,8-DINITRO-	1,8Dinitropyrene	42397659	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRENE, 4-NITRO-	4Nitropyrene	57835924	California Proposition 65 listed for cancer	
PYRENE, 4-NITRO-	4Nitropyrene	57835924	Possibly carcinogenic to humans' IARC (Category 2B, Volume 46, 105 2014)	
PYRENE, 4-NITRO-	4Nitropyrene (see Nitroarenes [Selected])	57835924	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PYRENE, 4-NITRO-	4Nitropyrene	57835924	Listed as an IARC Group 2B Carcinogen	
PYRENE, 4-NITRO-	4Nitropyrene	57835924	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRIDINE	pyridine	110861	California Proposition 65 listed for cancer	
PYRIDINE	pyridine	110861	Possibly carcinogenic to humans' IARC (Category 2B, Volume 77, 119 in prep.)	
PYRIDINE	pyridine	110861	Listed as an IARC Group 2B Carcinogen	
PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)-	Methapyrilene (INN) and its salts	91805	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)-2-THENYLAMINO)-	Methapyrilene and its salts	91805	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRIDINE, 2-(2-(DIMETHYLAMINO)ETHYL)(P-METHOXYBENZYL)AMINO-	Mepyramine	91849	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(P-METHOXYBENZYL)AMINO)-, MALEATE (1:1)	2 [4MethoxybenzylN(2pyridyl)amino]ethyl dimethylamine maleate (Mepyramine maleate; pyrilamine maleate)	59336	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYRIDINE, 2-((2-(DIMETHYLAMINO)ETHYL)(P-METHOXYBENZYL)AMINO)-, MALEATE (1:1)	2(4MethoxybenzylN(2pyridyl)amino) ethyl dimethylamine maleate	59336	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRIDINE, 2-(1-METHYL-2-(4-PHENOXYPHENOXY)ETHOXY)-	2[[1(4phenoxyphenoxy)propan2yl]oxy]pyridine	95737681	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PYRIDINE, 2-(ALPHA-(2-(DIMETHYLAMINO)ETHOXY)-ALPHA-METHYLBENZYL)-	Doxylamine (INN) and its salts	469216	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYRIDINE, 2-(ALPHA-(2-(DIMETHYLAMINO)ETHOXY)-ALPHA-METHYLBENZYL)-	Doxylamine and its salts	469216	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-	Tripelennamine	91816	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRIDINE, 2-(BENZYL(2-(DIMETHYLAMINO)ETHYL)AMINO)-	Tripelennamine (INN)	91816	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYRIDINE, 2-AMINO-	2pyridylamine	504290	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 2-AMINO-	2pyridylamine	504290	Classified as 'fatal if inhaled' (GHS H330).	
PYRIDINE, 2-AMINO-	2pyridylamine	504290	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, 2-AMINOMETHYL-	2pyridylmethylamine	3731519	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, 2-BROMO-	2bromopyridine	109046	Classified as 'fatal in contact with skin' (GHS H310).	
PYRIDINE, 2-BROMO-	2bromopyridine	109046	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 2-CHLORO-	2Chloropyridine	109091	Classified as 'fatal in contact with skin' (GHS H310).	
PYRIDINE, 2-CHLORO-	2Chloropyridine	109091	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 2-CHLORO-	2Chloropyridine	109091	Classified as 'fatal if inhaled' (GHS H330).	
PYRIDINE, 2-CHLORO-	2Chloropyridine	109091	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, 2-CHLORO-	2Chloropyridine	109091	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PYRIDINE, 2-CHLORO-5-(TRIFLUOROMETHYL)-	2chloro5(trifluoromethyl)pyridine	52334813	Classified as 'suspected of causing genetic defects' (GHS H341).	
PYRIDINE, 2-VINYL-	2vinylpyridine	100696	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 2-VINYL-	2vinylpyridine	100696	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, 2-VINYL-	2vinylpyridine	100696	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, 2,4,6-TRIMETHYL-	2,4,6TRIMETHYLPYRIDINE	108758	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-	Phenazopyridine	94780	California Proposition 65 listed for cancer	
PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-, MONOHYDROCHLORIDE	Phenazopyridine hydrochloride	136403	California Proposition 65 listed for cancer	
PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-, MONOHYDROCHLORIDE	Phenazopyridine hydrochloride	136403	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-, MONOHYDROCHLORIDE	Phenazopyridine hydrochloride	136403	Possibly carcinogenic to humans' IARC (Category 2B, Volume 24, Sup 7 1987)	
PYRIDINE, 2,6-DIAMINO-3-(PHENYLAZO)-, MONOHYDROCHLORIDE	Phenazopyridine hydrochloride	136403	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRIDINE, 4-(DIMETHYLAMINO)-	N,Ndimethylpyridin4amine	1122583	Classified as 'fatal in contact with skin' (GHS H310).	
PYRIDINE, 4-(DIMETHYLAMINO)-	N,Ndimethylpyridin4amine	1122583	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 4-(DIMETHYLAMINO)-	N,Ndimethylpyridin4amine	1122583	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, 4-(DIMETHYLAMINO)-	N,Ndimethylpyridin4amine	1122583	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, 4-AMINO-	4pyridylamine	504245	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, 4-AMINO-	4pyridylamine	504245	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, 4-AMINO-	4pyridylamine	504245	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, 4-VINYL-	4vinylpyridine	100436	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, 4-VINYL-	4vinylpyridine	100436	Classified as 'fatal if inhaled' (GHS H330).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PYRIDINE, 4-VINYL-	4vinylpyridine	100436	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391117	Classified as 'may cause cancer' (GHS H350).	
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391117	Classified as 'toxic in contact with skin' (GHS H311).	
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391117	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391117	Classified as 'toxic if inhaled' (GHS H331).	
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391117	Classified as 'may cause genetic defects' (GHS H340).	
PYRIDINIUM, 1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-METHYL-, CHLORIDE	Amprolium	137882	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
PYRIDINIUM, 1-((4-AMINO-2-PROPYL-5-PYRIMIDINYL)METHYL)-2-METHYL-, CHLORIDE	Amprolium	137882	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
PYRIDINIUM, 1-ETHYL-3-HYDROXY-, BROMIDE	1ethyl3hydroxypyridinium bromide	80866848	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRIDINIUM, 1-HEXADECYL-, CHLORIDE, MONOHYDRATE	CETYLPYRIDINIUM CHLORIDE	123035;6004246	Classified as 'fatal if inhaled' (GHS H330).	
PYRIDINIUM, 1-HEXADECYL-, CHLORIDE, MONOHYDRATE	CETYLPYRIDINIUM CHLORIDE	123035;6004246	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PYRIMIDINE, 2-(1-PIPERAZINYL)-	2(piperazin1yl)pyrimidine	20980227	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
pyriofenone	(5-chloro-2-methoxy-4-methyl-3-pyridyl)(4,5,6-trimethoxy-o-tolyl)methanone	688046-61-9	This ingredient is banned the European Union	X
PYROCATECHOL	Catechol	120809	California Proposition 65 listed for cancer	
PYROCATECHOL	Catechol	120809	Possibly carcinogenic to humans' IARC (Category 2B, Volume 15, Sup 7, 71 1999)	
PYROCATECHOL	pyrocatechol	120809	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYROCATECHOL	pyrocatechol	120809	Classified as 'suspected of causing genetic defects' (GHS H341).	
PYROCATECHOL	pyrocatechol	120809	Classified as 'toxic in contact with skin' (GHS H311).	
PYROCATECHOL	Pyrocatechol (Catechol)	120809	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYROCATECHOL, 4-TERT-BUTYL-	4 tertButylpyrocatechol	98293	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYROCATECHOL, 4-TERT-BUTYL-	4tertButylpyrocatechol	98293	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYROCATECHOL, 4-TERT-BUTYL-	4tertButylpyrocatechol	98293	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYROCATECHOL, 4-TERT-BUTYL-	4tertButylpyrocatechol	98293	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
PYROGALLOL	pyrogallol	87661	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYROGALLOL	pyrogallol	87661	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
PYROGALLOL	pyrogallol	87661	Classified as 'suspected of causing genetic defects' (GHS H341).	
PYROGALLOL	pyrogallol	87661	Classified as 'suspected of causing cancer' (GHS H351).	
PYROGALLOL	pyrogallol	87661	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
PYRROLIDINE	PYRROLIDINE	123751	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
PYRROLIDINE, 1-(2-(P-(3,4-DIHYDRO-6-METHOXY-2-PHENYL-1-NAPHTHYL)PHENOXY)ETHYL)-,HYDROCHLORIDE	Nafoxidine hydrochloride; ; CP5,60001	1847638	Classified as 'may damage fertility or the unborn child' (GHS H360).	
PYRROLIDINE, 1-NITROSO-	<i>N</i>-Nitrosopyrrolidine	930552	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
PYRROLIDINE, 1-NITROSO-	NNitrosopyrrolidine	930552	California Proposition 65 listed for cancer	
PYRROLIDINE, 1-NITROSO-	NNitrosopyrrolidine	930552	EPA IRIS 'probable carcinogen'.	
PYRROLIDINE, 1-NITROSO-	NNitrosopyrrolidine (see NNitrosamines: 15 listings)	930552	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
PYRROLIDINE, 1-NITROSO-	Nitrosamines	64091914; 35576911; 930552; 100754; 10595956; 59892; 621647; 924163; 55185; 1116547; 62759	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRROLIDINE, 1-NITROSO-	NNitrosopyrrolidine	930552	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
PYRROLIDINIUM, 1,1-DIETHYL-3-HYDROXY-, BROMIDE, BENZILATE	Benzilium bromide	1050482	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
PYRROLIDINIUM, 1,1-DIETHYL-3-HYDROXY-, BROMIDE, BENZILATE	Benzilium bromide (INN)	1050482	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
PYRUVALDEHYDE	PYRUVALDEHYDE	78988	Classified as 'suspected of causing genetic defects' (GHS H341).	
PYRUVIC ACID	PYRUVIC ACID	127173	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides	BenzylC1016alkyldimethyl, chlorides	68989004	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides	Quaternary Ammonium Compounds, BenzylC1016Alkyldimethyl, Chlorides	68989004	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Quaternary ammonium compounds, benzyl-C10-16-alkyldimethyl, chlorides	BenzylC1016alkyldimethyl, chlorides	68989004	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Quaternary ammonium compounds, benzyl-C8-16-alkyldimethyl, chlorides	Quaternary Ammonium Compounds, BenzylC816Alkyldimethyl, Chlorides	68424840	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES	quaternary ammonium compounds, benzylC818alkyldimethyl, chlorides	63449412	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Quaternary ammonium compounds, di-C6-12-alkyldimethyl, chlorides	Quaternary Ammonium Compounds, DiC612Alkyldimethyl, Chlorides	68391060	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Quaternary ammonium compounds, di-C8-18-alkyldimethyl, chlorides	Quaternary Ammonium Compounds, DiC818Alkyldimethyl, Chlorides	73398648	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNARY AMMONIUM COMPOUNDS, TRI-C(SUB 8-10)ALKYLMETHYL-, CHLORIDES	Methyltriocylammonium chloride	5137553; 63393964	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
QUATERNARY AMMONIUM COMPOUNDS, TRI-C(SUB 8-10)ALKYLMETHYL-, CHLORIDES	Quaternary ammonium compounds, triC810alkylmethyl, chlorides	63393964	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
QUATERNARY AMMONIUM COMPOUNDS, TRI-C(SUB 8-10)ALKYLMETHYL-, CHLORIDES	Quaternary ammonium compounds, triC810alkylmethyl, chlorides	63393964	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
QUATERNIUM-10	Quaternium10	112038	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-10	steartrimonium chloride (quaternium10)	112038	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-10	Trimethyloctadecylammonium chloride	112038	Classified as 'toxic in contact with skin' (GHS H311).	
QUATERNIUM-10	Trimethyloctadecylammonium chloride	112038	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
QUATERNIUM-10	Trimethyloctadecylammonium chloride	112038	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
QUATERNIUM-14	QUATERNIUM14	27479283	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-15	Quaternium15	4080313	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-16	QUATERNIUM16	64425883	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-18	QUATERNIUM18	61789808	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-22	QUATERNIUM22	51812807	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-24	Quaternium24	32426112	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-26	QUATERNIUM26	68953640	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-27	Quaternium27	68122861	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-33	1Propanaminium, 3aminoNethylN,Ndimethyl, Nlanolin acyl derivs., Et sulfates	72102400	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
QUATERNIUM-33	QUATERNIUM33	72102400	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-51	QUATERNIUM51	1463952	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-51	QUATERNIUM51	1463952	EWG Verified restricts halogenated organic ingredients due to human health concerns and persistence in the environment.	
QUATERNIUM-53	Quaternium53	68410695	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-70	Dimethyl[3[(1oxooctadecyl)amino]propyl][2oxo2(tetradecyloxy)ethyl]ammonium chloride	68921835	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
QUATERNIUM-70	QUATERNIUM70	68921835	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
QUATERNIUM-87	Imidazolium compounds, 2(C919 and C919unsatd. alkyl)1[(C1020 and C1020unsatd. amido)ethyl]4,5dihydro1Me, Me sulfates	92201882	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Quaternized Triethanolamine Diester	Quaternized Triethanolamine Diester		Ethanolamines can cause asthma, and contain harmful impurities	
QUERCUS (OAK)	Quercus		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
QUILLAJA SAPONARIA (SOAPBARK) BARK	Quillaja Bark		designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
QUINALPHOS	Quinalphos = Chinalphos	13593038	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
QUININE	QUININE	130950	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
Quinoclamine (ISO)	2-amino-3-chloro-1,4-naphthoquinone	2797-51-5	This ingredient is banned the European Union	X
QUINOLINE	quinoline	91225	Prohibited by the International Fragrance Association for use in fragrance.	
QUINOLINE	quinoline	91225	EPA IRIS 'probable carcinogen'.	
QUINOLINE	quinoline	91225	EPA IRIS 'known/likely carcinogen'.	
QUINOLINE	quinoline	91225	Classified as 'suspected of causing genetic defects' (GHS H341).	
QUINOLINE	quinoline	91225	Classified as 'may cause cancer' (GHS H350).	
QUINOLINE	quinoline	91225	Classified as 'toxic in contact with skin' (GHS H311).	
QUINOLINE	quinoline	91225	Possibly carcinogenic to humans' IARC (Category 2B, Volume 121 In prep. )	
QUINOLINE	quinoline	91225	Listed as an IARC Group 2B Carcinogen	
QUINOMETHIONATE	Oxythioquinox (Chinomethionat)	2439012	California Proposition 65 listed for developmental	
QUINOMETHIONATE	Oxythioquinox (Chinomethionat)	2439012	California Proposition 65 listed for cancer	
QUINOXALINE, 1,2,3,4-TETRAHYDRO-6-CHLORO-	Tetrahydro 6nitroquinoxaline and its salts	158006543; 41959357; 73855455	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
R-1-CHLORO-2,3-EPOXYPROPANE	(R)1chloro2,3epoxypropane	51594559	Classified as 'may cause cancer' (GHS H350).	
R-1-CHLORO-2,3-EPOXYPROPANE	(R)1chloro2,3epoxypropane	51594559	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
R-1-CHLORO-2,3-EPOXYPROPANE	(R)1chloro2,3epoxypropane	51594559	Classified as 'toxic in contact with skin' (GHS H311).	
R-1-CHLORO-2,3-EPOXYPROPANE	(R)1chloro2,3epoxypropane	51594559	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
R-1-CHLORO-2,3-EPOXYPROPANE	(R)1chloro2,3epoxypropane	51594559	Classified as 'toxic if inhaled' (GHS H331).	
R-1-CHLORO-2,3-EPOXYPROPANE	R 1Chloro2,3epoxypropane	51594559	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
R-2,3-EPOXY-1-PROPANOL	R 2,3Epoxy1propanol	57044254	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
R-2,3-EPOXY-1-PROPANOL	R2,3epoxy1propanol	57044254	Classified as 'suspected of causing genetic defects' (GHS H341).	
R-2,3-EPOXY-1-PROPANOL	R2,3epoxy1propanol	57044254	Classified as 'may cause cancer' (GHS H350).	
R-2,3-EPOXY-1-PROPANOL	R2,3epoxy1propanol	57044254	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
R-2,3-EPOXY-1-PROPANOL	R2,3epoxy1propanol	57044254	Classified as 'toxic if inhaled' (GHS H331).	
RADON	Radon (See Ionizing Radiation)	10043922	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
RADON	Radon222 and its decay products	10043922	Carcinogenic to humans' IARC (Category 1, Volume 43, 78, 100D 2012)	
RADON	Radon	10043922	Listed on the 14th Report on Carcinogens as a known carcinogen	
RAPAMYCIN	(3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)9,27dihydroxy3{(2R)1[(1S,3R,4R)4hydroxy3methoxycyclohexyl]propan2yl)10,21dimethoxy6,8,12,14,20,26hexamethyl9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34ahexadecahydro3H23,2	53123889	Classified as 'suspected of causing cancer' (GHS H351).	
RAPAMYCIN	(3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)9,27dihydroxy3{(2R)1[(1S,3R,4R)4hydroxy3methoxycyclohexyl]propan2yl)10,21dimethoxy6,8,12,14,20,26hexamethyl9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34ahexadecahydro3H23,2	53123889	Classified as 'suspected of causing genetic defects' (GHS H341).	
RAPAMYCIN	(3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)9,27dihydroxy3{(2R)1[(1S,3R,4R)4hydroxy3methoxycyclohexyl]propan2yl)10,21dimethoxy6,8,12,14,20,26hexamethyl9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34ahexadecahydro3H23,2	53123889	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RAPESEEDAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	1Propanaminium, 3aminoNethylN,Ndimethyl, Nrapeoil acyl derivs., Et sulfates	94552417	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RAUWOLFIA SERPENTINA ROOT EXTRACT	Rauwolfia serpentina L., alkaloids and their salts	90106131	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RED ALGAE GEL	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
Red Phosphorus	Phosphorus	7723140; 12185103	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Red Phosphorus	Phosphorus	7723140; 12185103	Classified as 'fatal if inhaled' (GHS H330).	
Red Phosphorus	Phosphorus and metal phosphides	7723140	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Red Phosphorus	Phosphorus and metalphosphides	7723140	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
Redberry CO2 extract (Schinus terebinthifolius)	Essential oil of Schinus Terebinthifolius (Anacardiaceae) obtained from red berries; Essential oil of Schinus Terebinthifolius (Anacardiaceae) obtained from red berries by supercritical carbon dioxide extraction; Essential oil Schinus Terebinthifolius	949495685	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RENNET	RENNET	9042084	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR	Residues (petroleum), catalytic reformer fractionator	64741679	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR	Residues (petroleum), catalytic reformer fractionator	64741679	Classified as 'may cause cancer' (GHS H350).	
RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR	Residues (petroleum), catalytic reformer fractionator	64741679	Classified as 'may damage fertility or the unborn child' (GHS H360).	
RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR	Residues (petroleum), catalytic reformer fractionator	64741679	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RESIDUES (PETROLEUM), CATALYTIC REFORMER FRACTIONATOR	Residues (petroleum), catalytic reformer fractionator	64741679	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RESIDUES (PETROLEUM), THERMAL CRACKED	Residues (petroleum), thermal cracked	64741806	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RESIDUES (PETROLEUM), THERMAL CRACKED	Residues (petroleum), thermal cracked	64741806	Classified as 'may cause cancer' (GHS H350).	
RESIDUES (PETROLEUM), THERMAL CRACKED	Residues (petroleum), thermal cracked	64741806	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RESIDUES (PETROLEUM), THERMAL CRACKED	Residues (petroleum), thermal cracked	64741806	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RESIDUES (PETROLEUM), VACUUM	Bitumens, occupational exposure to straightrun bitumens and their emissions during road paving	64741566	Possibly carcinogenic to humans' IARC (Category 2B, Volume 103 2013)	
RESIDUES (PETROLEUM), VACUUM	Residues (petroleum), vacuum	64741566	Classified as 'suspected of causing cancer' (GHS H351).	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	Classified as 'may cause cancer' (GHS H350).	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RESIDUES, STEAM CRACKED, THERMALLY TREATED	Residues, steam cracked, thermally treated	98219648	Classified as 'may cause genetic defects' (GHS H340).	
RESIN ACIDS, COBALT SALTS	Resin acids and Rosin acids, cobalt salts	68956821	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
RESMETHRIN	Resmethrin	10453868	California Proposition 65 listed for developmental	
RESMETHRIN	Resmethrin	10453868	California Proposition 65 listed for cancer	
RESMETHRIN	Resmethrin	10453868	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
RESORCINOL	Resorcinol	108463	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
RESORCINOL DIGLYCIDYL ETHER	Diglycidyl resorcinol ether	101906	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
RESORCINOL DIGLYCIDYL ETHER	Diglycidyl resorcinol ether	101906	Possibly carcinogenic to humans' IARC (Category 2B, Volume 36, Sup 7, 71 1999)	
RESORCINOL DIGLYCIDYL ETHER	Diglycidyl resorcinol ether (DGRE)	101906	California Proposition 65 listed for cancer	
RESORCINOL DIGLYCIDYL ETHER	resorcinol diglycidyl ether	101906	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RESORCINOL DIGLYCIDYL ETHER	Diglycidyl resorcinol ether	101906	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
RETINOIC ACID	Alltrans retinoic acid	302794	California Proposition 65 listed for developmental	
RETINOIC ACID	retinoic acid	302794	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
RETINOIC ACID	Tretinoin (INN) (retinoic acid and its salts)	302794	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
RETINOIC ACID, 13-CIS-	Isotretinoin	4759482	California Proposition 65 listed for developmental	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
RETINYL ACETATE (VITMIN A ACETATE)	retinyl acetate	127479	Classified as 'may damage fertility or the unborn child' (GHS H360).	
RETINYL ACETATE (VITMIN A ACETATE)	retinyl acetate	127479	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RETINYL PALMITATE (VITAMIN A PALMITATE)	retinyl palmitate	79812	Classified as 'may damage fertility or the unborn child' (GHS H360).	
RETINYL PALMITATE (VITAMIN A PALMITATE)	retinyl palmitate	79812	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
RETINYL PROPIONATE	Retinyl Propionate	7069423	Classified as 'may damage fertility or the unborn child' (GHS H360).	
RHODATE(3-), HEXACHLORO-, TRIAMMONIUM	Triammonium hexachlororhodate	15336182	Classified as 'suspected of causing genetic defects' (GHS H341).	
RHODIUM	Rhodium	7440166	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
RHODIUM	Rhodium	7440166	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
RHODIUM CHLORIDE, TRIHYDRATE	Rhodium (III) chloride trihydrate; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium chloride hydrate; Rhodium trichloride hydrate; Rhodium(III) chloride hydrate; Rutheniumchlorid; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium trichloride	20765984	Classified as 'suspected of causing genetic defects' (GHS H341).	
RHODIUM CHLORIDE, TRIHYDRATE	Rhodium (III) chloride trihydrate; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium chloride hydrate; Rhodium trichloride hydrate; Rhodium(III) chloride hydrate; Rutheniumchlorid; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium trichloride	20765984	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RHODIUM NITRATE	Rhodium trinitrate	10139589	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
RHODIUM NITRATE	Rhodium trinitrate	10139589	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RHODIUM, TETRAKIS(MU-ACETATO)DI-	Rhodium acetate	42204148	Classified as 'suspected of causing genetic defects' (GHS H341).	
RHODIUM(III) CHLORIDE (1:3)	Rhodium (III) chloride trihydrate; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium chloride hydrate; Rhodium trichloride hydrate; Rhodium(III) chloride hydrate; Rutheniumchlorid; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium trichloride	20765984	Classified as 'suspected of causing genetic defects' (GHS H341).	
RHODIUM(III) CHLORIDE (1:3)	Rhodium (III) chloride trihydrate; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium chloride hydrate; Rhodium trichloride hydrate; Rhodium(III) chloride hydrate; Rutheniumchlorid; Rhodium chloride (RhCl <sub>3</sub> ), hydrate; Rhodium trichloride	20765984	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
RICINOLEAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	RICINOLEAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	112324160	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
RICINOLEAMIDOPROPYLTRIMONIUM METHOSULFATE	RICINOLEAMIDOPROPYLTRIMONIUM METHOSULFATE	85508386	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
RIDDELLINE	Riddelliine	23246960	California Proposition 65 listed for cancer	
RIDDELLINE	Riddelliine	23246960	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
RIDDELLINE	Riddelliine	23246960	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7, 82 2002)	
RIDDELLINE	Riddelliine	23246960	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
RIFOMYCIN SV, 8-(N-(4-METHYL-1-PIPERAZINYL)FORMIDOYL)-	Rifampin	13292461	California Proposition 65 listed for developmental, female	
ROSI	Colophony	8050097	Prohibited by the International Fragrance Association for use in fragrance.	
ROYAL JELLY	Royal jelly	8031672	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
S-TRIAZINE, 2-(TERT-BUTYLAMINO)-4-(ETHYLAMINO)-6-(METHYLTHIO)-	Terbutryn	886500	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
S-TRIAZINE, 2-AMINO-4-DIMETHYLAMINO-6-METHYLAMINO-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
S-TRIAZINE, 2,4-DIAMINO-6-(DIMETHYLAMINO)-, HYDROCHLORIDE	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
S-TRIAZINE, 2,4,6-TRIAMINO-, COMPD. WITH S-TRIAZINE-TRIOI	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
S-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)-	Tretamine	51183	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
S-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)-	Tretamine (INN)	51183	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
S-TRIAZINE, 2,4,6-TRIS(1-AZIRIDINYL)-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
S-TRIAZINE, 2,6-DIAMINO-4-BUTYLAMINO-	Melamine derivatives		EWG Verified prohibits melamine derivatives. Melamine is classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) and is chemically classified as an aromatic amine, a class broadly known to possess carcinogenic potential.	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIACRYLOYL-	Hexahydro1,3,5tris(1oxoallyl)1,3,5triazine	959524	Classified as 'fatal in contact with skin' (GHS H310).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIACRYLOYL-	Hexahydro1,3,5tris(1oxoallyl)1,3,5triazine	959524	Classified as 'toxic in contact with skin' (GHS H311).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIACRYLOYL-	Hexahydro1,3,5tris(1oxoallyl)1,3,5triazine	959524	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIACRYLOYL-	Hexahydro1,3,5tris(1oxoallyl)1,3,5triazine	959524	Classified as 'toxic if inhaled' (GHS H331).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIACRYLOYL-	Hexahydro1,3,5tris(1oxoallyl)1,3,5triazine	959524	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIMETHYL-	Hexahydro1,3,5trimethyl1,3,5triazine	108747	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRINITRO-	Hexahydro1,3,5trinitro1,3,5triazine (RDX)	121824	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
S-TRIAZINE, HEXAHYDRO-1,3,5-TRIS(DIMETHYLAMINOPROPYL)-	N,N,N',N',N'',N''hexamethyl1,3,5triazine1,3,5(2H,4H,6H)tripropanamine	15875135	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SAFROLE	Safrole	94597	California Proposition 65 listed for cancer	
SAFROLE	Safrole	94597	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
SAFROLE	Safrole	94597	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
SAFROLE	Safrole, except for normal content in the natural essences used and provided that the concentration does not exceed: 100 ppm in the finished cosmetic product, 50 ppm in products for dental and oral hygiene, and provided that Safrole is not present in	94597	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SAFROLE	Safrole, except when naturally occurring in plant extracts	94597	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SAFROLE	Safrole, Isosafrole, Dihydrosafrole	94597	Prohibited by the International Fragrance Association for use in fragrance.	
SAFROLE	Safrole	94597	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SALICYLALDEHYDE	Salicylaldehyde	90028	Classified as 'suspected of causing genetic defects' (GHS H341).	
SALICYLANILIDE, 3,3',4',5'-TETRACHLORO-	tetrachlorosalicylanilide	1154592	FDA Banned ingredients in cosmetics.	
SALICYLANILIDE, 4',5'-DIBROMO-	Dibromosalicylanilides	24556647; 87127; 2577722	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SALICYLANILIDE, 4',5'-DIBROMO-	dibromalan	87127	FDA Banned ingredients in cosmetics.	
SALICYLANILIDE, 4',5'-DICHLORO-	Dichlorosalicylanilides	1147984	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SALICYLANILIDE, TRIBROMO-	Tribromosalicylanilide	1322389	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SALICYLIC ACID, 4-AMINO-	4 Aminosalicylic acid and its salts	65496	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SALICYLIC ACID, 4-AMINO-	4Aminosalicylic acid and its salts	65496	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SALICYLIC ACID, 5-((P-(2-PYRIDYLSULFAMOYL)PHENYL)AZO)-	Sulfasalazine	599791	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
SALICYLIC ACID, 5-((P-(2-PYRIDYLSULFAMOYL)PHENYL)AZO)-	Sulfasalazine (salicylazosulfapyridine)	599791	California Proposition 65 listed for cancer	
SALICYLIC ACID, 5-((P-(2-PYRIDYLSULFAMOYL)PHENYL)AZO)-	Sulfasalazine (salicylazosulfapyridine)	599791	California Proposition 65 listed for male	
SALICYLIC ACID, 5-((P-(2-PYRIDYLSULFAMOYL)PHENYL)AZO)-	Sulfasalazine	599791	Listed as an IARC Group 2B Carcinogen	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3' Dichlorobenzidine dihydrochloride	612839	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine dihydrochloride	612839	California Proposition 65 listed for cancer	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine dihydrochloride	612839	Classified as 'may cause cancer' (GHS H350).	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine dihydrochloride	612839	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine Dihydrochloride (see 3,3'Dichlorobenzidine and Its Dihydrochloride)	612839	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SALTS OF 3,3'-DICHLOROBENZIDINE	Salts of 3,3' Dichlorobenzidine	91941	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SALTS OF 3,3'-DICHLOROBENZIDINE	3,3'Dichlorobenzidine dihydrochloride	612839	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SALTS OF 4,4'-BI-O-TOLUIDINE	3,3'Dimethylbenzidine dihydrochloride	612828	California Proposition 65 listed for cancer	
SALTS OF 4,4'-BI-O-TOLUIDINE	4,4' Biotoluidine dihydrochloride	612828	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SANTOLINA CHAMAECYPARISSUS EXTRACT	Santolina oil	84961580	Prohibited by the International Fragrance Association for use in fragrance.	
SARCOSINE, N-NITROSO-	<-N</>Nitrososarcosine	13256229	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
SARCOSINE, N-NITROSO-	NNitrososarcosine	13256229	California Proposition 65 listed for cancer	
SARCOSINE, N-NITROSO-	NNitrososarcosine (see NNitrosamines: 15 listings)	13256229	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
SARCOSINE, N-NITROSO-	NNitrososarcosine	13256229	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SEA ALGAE COMPLEX	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
SEAWEED COMPLEX	Algae; kelp; seaweed		EWG Verified doesn't allow products to use nonspecific ingredient names. Algae, seaweed and related derivative substances must include genus and species.	
Sec-Alkyl Sulfonates	SecAlkyl Sulfonates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
sec-BUTANOL	Butan2ol	78922	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
SEC-BUTYLAMINE	SECBUTYLAMINE	13952846	Classified as 'toxic in contact with skin' (GHS H311).	
SEC-BUTYLAMINE	SECBUTYLAMINE	13952846	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SEC-BUTYLAMINE	SECBUTYLAMINE	13952846	Classified as 'toxic if inhaled' (GHS H331).	
SEC-BUTYLAMINE	SECBUTYLAMINE	13952846	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Secondary alcohol ethoxylates	Secondary Alcohol Ethoxylates		EWG Verified doesn't allow products to use nonspecific ingredient names.	
sedaxane	N-(2-[[1,1'-bi(cyclopropyl)]-2-yl]phenyl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide	874967-67-6	This ingredient is banned the European Union	X
SELENIOS ACID	Selenious acid	7783008	Classified as 'toxic if inhaled' (GHS H331).	
SELENIOS ACID	Selenious acid	7783008	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SELENIOS ACID	Selenium dioxide	7783008	Classified as 'toxic if inhaled' (GHS H331).	
SELENIOS ACID	Selenium dioxide	7783008	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SELENIUM	selenium	7782492	Classified as 'may cause cancer' (GHS H350).	
SELENIUM	selenium	7782492	Classified as 'toxic if inhaled' (GHS H331).	
SELENIUM	SELENIUM AND ITS COMPOUNDS	7782492	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SELENIUM	Selenium and its compounds with the exception of selenium disulphide under the conditions set out under reference No 49 in Annex III	7782492	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SELENIUM SULFIDE	Selenium sulfide	7446346	California Proposition 65 listed for cancer	
SELENIUM SULFIDE	Selenium sulfide	7446346	California Proposition 65 listed for cancer	
SELENIUM SULFIDE	Selenium sulfide	7446346	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
SELENIUM SULFIDE	Selenium sulfide	7446346	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
SELENIUM SULFIDE	Selenium sulfide	7446346	EPA IRIS 'probable carcinogen'.	
SELENIUM SULFIDE	Selenium sulfide	7446346	EPA IRIS 'probable carcinogen'.	
SELENIUM SULFIDE	Selenium sulfide	7446346	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SELENIUM SULFIDE	Selenium sulfide	7446346	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SEMICARBAZIDE, MONOHYDROCHLORIDE	Semicarbazide hydrochloride	563417	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
SERINE, DIAZOACETATE (ESTER)	Azaserine	115026	California Proposition 65 listed for cancer	
SERINE, DIAZOACETATE (ESTER)	Azaserine	115026	Possibly carcinogenic to humans' IARC (Category 2B, Volume 10, Sup 7 1987)	
SERUM ALBUMIN	Bovine Serum Albumin	9048468	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SHALE OILS, CRUDE	Shale oils	68308349	Classified as 'may cause cancer' (GHS H350).	
SHALE OILS, CRUDE	Shale oils	68308349	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SHALE OILS, CRUDE	Shale oils	68308349	Classified as 'toxic in contact with skin' (GHS H311).	
SHALE OILS, CRUDE	Shale oils	68308349	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SHALE OILS, CRUDE	Shale oils	68308349	Classified as 'may cause genetic defects' (GHS H340).	
SHALE OILS, CRUDE	Shale oils	68308349	Carcinogenic to humans' IARC (Category 1, Volume 35, Sup 7, 100F 2012)	
SHALE OILS, CRUDE	Shaleoils	68308349	California Proposition 65 listed for cancer	
SHEA BUTTERAMIDOPROPYLTRIMONIUM CHLORIDE	SHEA BUTTERAMIDOPROPYLTRIMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
SILANE, (CHLOROMETHYL)DICHLOROMETHYL-	Dichloro(chloromethyl)methylsilane	1558334	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, (CHLOROMETHYL)DICHLOROMETHYL-	Dichloro(chloromethyl)methylsilane	1558334	Classified as 'toxic if inhaled' (GHS H331).	
SILANE, 3-(2,3-EPOXYPROPOXY)PROPYLTRIMETHOXY-	[3(2,3epoxypropoxy)propyl]trimethoxysilane	2530838	Classified as 'suspected of causing genetic defects' (GHS H341).	
SILANE, CHLORO(CHLOROMETHYL)DIMETHYL-	Chloro(chloromethyl)dimethylsilane	1719579	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, CHLOROMETHYL(TRICHLORO)-	Trichloro(chloromethyl)silane	1558254	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, CHLOROMETHYL(TRICHLORO)-	Trichloro(chloromethyl)silane	1558254	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, DICHLORO-	Dichlorosilane	4109960	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, DICHLORO-	Dichlorosilane	4109960	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, DICHLORO-	Dichlorosilane	4109960	Classified as 'toxic if inhaled' (GHS H331).	
SILANE, DICHLORODIPHENYL-	Dichloro(diphenyl)silane	80104	Classified as 'fatal in contact with skin' (GHS H310).	
SILANE, DICHLORODIPHENYL-	Dichloro(diphenyl)silane	80104	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, DICHLOROMETHYL(3,3,3-TRIFLUOROPROPYL)-	Dichloromethyl(3,3,3trifluoropropyl)silane	675627	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, DICHLOROMETHYLPHENYL-	Dichloro(methyl)(phenyl)silane	149746	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, DICHLOROMETHYLVINYL-	Dichloro(methyl)(vinyl)silane	124709	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, DICHLOROMETHYLVINYL-	Dichloro(methyl)(vinyl)silane	124709	Classified as 'toxic if inhaled' (GHS H331).	
SILANE, DIMETHOXYDIMETHYL-	Dimethoxydimethylsilane	1112396	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
SILANE, DIMETHOXYMETHYL-	Dimethoxymethylsilane	16881779	Classified as 'toxic in contact with skin' (GHS H311).	
SILANE, ETHYLTRICHLORO-	Trichloro(ethyl)silane	115219	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, ETHYLTRICHLORO-	Trichloro(ethyl)silane	115219	Classified as 'toxic if inhaled' (GHS H331).	
SILANE, METHYLTRICETOXY-	Methylsilanetriyl triacetate	4253343	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, T-BUTYLCHLORODIMETHYL-	tertbutylchlorodimethylsilane	18162486	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, TRICHLOROPHENYL-	Trichloro(phenyl)silane	98135	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, TRICHLOROPHENYL-	Trichloro(phenyl)silane	98135	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, TRIETHOXY-	Triethoxysilane	998301	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, TRIETHOXY-	Triethoxysilane	998301	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, TRIETHOXY(3-ISOCYANATOPROPYL)-	Triethoxy(3isocyanatopropyl)silane	24801885	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, TRIETHOXY(3-ISOCYANATOPROPYL)-	Triethoxy(3isocyanatopropyl)silane	24801885	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, TRIETHOXY(3-ISOCYANATOPROPYL)-	Triethoxy(3isocyanatopropyl)silane	24801885	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SILANE, TRIMETHOXY-	Trimethoxysilane	2487903	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILANE, TRIMETHOXY-	Trimethoxysilane	2487903	Classified as 'fatal if inhaled' (GHS H330).	
SILANE, TRIS(2-METHOXYETHOXY)VINYL-	Tris(2methoxyethoxy)vinylsilane	1067534	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
SILANE, TRIS(2-METHOXYETHOXY)VINYL-	SILANE, TRIS(2-METHOXYETHOXY)VINYL-	1067534	Europe prohibits this ingredient in cosmetics	
SILICA, CRYSTALLINE (QUARTZ)	Quartz (SiO2)	14808607	Classified as 'may cause cancer' (GHS H350).	
SILICA, CRYSTALLINE (QUARTZ)	Silica dust, crystalline, in the form of quartz or cristobalite	14808607	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 68, 100C 2012)	
SILICATE(2-), HEXAFLUORO-, ZINC	Zinc hexafluorosilicate	16871719	Classified as 'toxic in contact with skin' (GHS H311).	
SILICATE(2-), HEXAFLUORO-, ZINC	Zinc hexafluorosilicate	16871719	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILICATE(2-), HEXAFLUORO-, ZINC	Zinc hexafluorosilicate	16871719	Classified as 'toxic if inhaled' (GHS H331).	
SILICATE(2-), HEXAFLUORO-, ZINC	Zinc hexafluorosilicate	16871719	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILICIC ACID, BERYLLIUM SALT	Beryllium Compounds	15191852	Listed on the 14th Report on Carcinogens as a known carcinogen	
SILICIC ACID, BERYLLIUM ZINC SALT	Beryllium Compounds	39413473	Listed on the 14th Report on Carcinogens as a known carcinogen	
SILICIC ACID, TETRAMETHYL ESTER	Tetramethyl orthosilicate	681845	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILICIC ACID, TETRAMETHYL ESTER	Tetramethyl orthosilicate	681845	Classified as 'fatal if inhaled' (GHS H330).	
SILICON	AMMONIUM HEXAFLUOROSILICATE	7440213; 16919190	Classified as 'toxic in contact with skin' (GHS H311).	
SILICON	AMMONIUM HEXAFLUOROSILICATE	7440213; 16919190	Classified as 'toxic if inhaled' (GHS H331).	
SILICON CARBIDE	Silicon carbide	409212	EWG F scoring ingredient under any condition of use.	
SILICON CARBIDE	Silicon carbide	409212	Classified as 'may cause cancer' (GHS H350).	
SILICON CARBIDE	Silicon carbide whiskers	409212	Probably carcinogenic to humans' IARC (Category 2A, Volume 111 2017)	
SILICON CARBIDE	Silicon carbide whiskers	409212	Listed as an IARC Group 2A Carcinogen	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SILICON CARBIDE	Silicon carbide, fibrous	308076746	Listed as an IARC Group 2B Carcinogen	
SILICON CARBIDE	SILICON CARBIDE	409212	Europe prohibits this ingredient in cosmetics	
SILICON FLUORIDE	Silicon tetrafluoride	7783611	Classified as 'fatal in contact with skin' (GHS H310).	
SILICON FLUORIDE	Silicon tetrafluoride	7783611	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILICON FLUORIDE	Silicon tetrafluoride	7783611	Classified as 'fatal if inhaled' (GHS H330).	
SILICON FLUORIDE	Silicon tetrafluoride	7783611	Classified as 'toxic if inhaled' (GHS H331).	
SILICON TETRACHLORIDE	silicon tetrachloride	10026047	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILICON TETRACHLORIDE	silicon tetrachloride	10026047	Classified as 'toxic if inhaled' (GHS H331).	
SILICONE ACRYLATE POLYMER	SILICONE ACRYLATE POLYMER		According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
SILICONE QUATERNIUM-26	SILICONE QUATERNIUM26		Some quaternary ammonium compounds trigger asthma and may be toxic to human reproductive systems.	
SILVER CHLORIDE	SILVER CHLORIDE	7783906	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILVER CYANIDE	Silver Cyanide	506649	Classified as 'fatal in contact with skin' (GHS H310).	
SILVER CYANIDE	Silver Cyanide	506649	Classified as 'fatal if inhaled' (GHS H330).	
SILVER CYANIDE	Silver Cyanide	506649	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILVER CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	506649	California Prop65 Chemical (male)	
SILVER IODIDE (AGI)	Silver Iodide	7783962	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILVER NITRATE	silver nitrate	7761888	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SILVER NITRATE	silver nitrate	7761888	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILVER OXIDE	Disilver oxide	20667123	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SILVER SULFATE	Disilver(1+) sulphate	10294265	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SIMAZINE	Simazine	122349	California Proposition 65 listed for developmental, female	
SIMAZINE	Simazine	122349	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SIMAZINE	Simazine	122349	Classified as 'suspected of causing cancer' (GHS H351).	
SIMAZINE	Simazine	122349	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SIMAZINE	Simazine	122349	California Prop65 Chemical (developmental, female)	
soaps	Soaps		EWG Verified doesn't allow products to use nonspecific ingredient names.	
SODIUM	sodium	7440235	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM	sodium; 5benzoyl_methyl2thiopheneacetic acid; Tiaprofenic acid sodium salt	7440235	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
SODIUM 5-N-BUTYLBENZOTRIAZOLE	sodium 5nbutylbenzotriazole	118685340	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM ACRYLATES COPOLYMER	2Propenoic acid, sodium salt, homopolymer	25549842	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
SODIUM ACRYLIC ACID/MA COPOLYMER	SODIUM ACRYLIC ACID/MA COPOLYMER	52255499	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
SODIUM ALUMINATE	Aluminium sodium dioxide	1302427	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM AZIDE	sodium azide	26628228	Classified as 'fatal in contact with skin' (GHS H310).	
SODIUM AZIDE	sodium azide	26628228	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM AZIDE	sodium azide	26628228	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM BERYLLIUM MALATE	Beryllium Compounds	63915764	Listed on the 14th Report on Carcinogens as a known carcinogen	
SODIUM BIFLUORIDE	Sodium hydrogendifluoride	1333831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM BORATE	SODIUM BORATE/borax	1303964	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM BORATE, ANHYDROUS	SODIUM BORATE, ANHYDROUS	1330434	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM BORATE, PENTAHYDRATE	disodium tetraborate pentahydrate	12179043	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM BROMATE	Sodium bromate	7789380	Classified as 'suspected of causing genetic defects' (GHS H341).	
SODIUM BROMATE	Sodium bromate	7789380	Classified as 'may cause cancer' (GHS H350).	
SODIUM BROMIDE	SODIUM BROMIDE	7647156	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM CHLORITE	Sodium chlorite	7758192	Classified as 'fatal in contact with skin' (GHS H310).	
SODIUM CHLORITE	Sodium chlorite	7758192	Classified as 'toxic in contact with skin' (GHS H311).	

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SODIUM CHLORITE	Sodium chlorite	7758192	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM CHLORITE	Sodium chlorite	7758192	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'may cause cancer' (GHS H350).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM CHROMATE	sodium chromate	7775113	Classified as 'may cause genetic defects' (GHS H340).	
SODIUM CHROMATE	Chromium Compounds	7775113	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SODIUM CYANIDE	Sodium Cyanide	143339	Classified as 'fatal in contact with skin' (GHS H310).	
SODIUM CYANIDE	Sodium Cyanide	143339	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM CYANIDE	Sodium Cyanide	143339	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	143339	California Prop65 Chemical (male)	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause cancer' (GHS H350).	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM DICHROMATE ANHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause genetic defects' (GHS H340).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause cancer' (GHS H350).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM DICHROMATE, DIHYDRATE	sodium dichromate	7789120;10588019	Classified as 'may cause genetic defects' (GHS H340).	
SODIUM DIETHYLENTRIAMINE PENTAMETHYLENE PHOSPHONATE	Phosphonic acid, [[[phosphonomethyl]imino]bis[2,1ethanediylnitribis(methylene)]]tetrakis, sodium salt (1:?)	22042962	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
Sodium Disilicate	Sodium Disilicate	13870285	EWG Verified doesn't allow products to use nonspecific ingredient names.	
SODIUM FLUOALUMINATE	trisodium hexafluoroaluminate	13775536;15096523	Classified as 'may cause harm to breastfed children' (GHS H362).	
SODIUM FLUORIDE	Sodium hydrogendifluoride	1333831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM FLUOROACETATE	sodium fluoroacetate	62748	California Proposition 65 listed for male	
SODIUM FLUOROSILICATE	Disodium hexafluorosilicate	16893859	Classified as 'toxic in contact with skin' (GHS H311).	
SODIUM FLUOROSILICATE	Disodium hexafluorosilicate	16893859	Classified as 'toxic if inhaled' (GHS H331).	
SODIUM HYDRIDE	sodium hydride	7646697	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM HYDROXYMETHYLGLYCINATE	(sodium) Hydroxymethylglycinate	70161443	This ingredient forms formaldehyde which causes allergic skin reactions.	
SODIUM HYDROXYMETHYLGLYCINATE	SODIUM HYDROXYMETHYLGLYCINATE	70161443	Europe prohibits this ingredient in cosmetics	
SODIUM HYPOCHLORITE	Bleach	7681529	EWG Verified doesn't allow products to use nonspecific ingredient names.	
SODIUM HYPOCHLORITE	Sodium Hypochlorite	7681529	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
SODIUM HYPOCHLORITE	Sodium Hypochlorite	7681529	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM HYPOCHLORITE	Sodium Hypochlorite	7681529	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM HYPOCHLORITE	Sodium Hypochlorite	7681529	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SODIUM IODATE	Sodium iodate	7681552	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM IODIDE	SODIUM IODIDE	7681825	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM IODIDE	SODIUM IODIDE	7681825	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM MERCAPTOBENZOTHAZOLE	Sodium benzothiazol2yl sulphide	2492264	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM MERCAPTOBENZOTHAZOLE	Sodium benzothiazol2yl sulphide	2492264	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SODIUM METABISULFITE	Sodium Metabisulfite	7681574	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
SODIUM METABISULFITE	Sodium Metabisulfite	7681574	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SODIUM METAVANADATE	Sodium metavanadate	13718268	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
SODIUM METHANOLATE	sodium methanolate	124414	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM METHANOLATE	sodium methanolate	124414	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM METHYL TAURATE	Sodium Nmethyltaurinate	4316749	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Sodium Mono-N-Chlorosulfamate	Sodium MonoNChlorosulfamate	13637906	Chlorine based bleaching ingredients are not allowed.	
SODIUM NITRITE	sodium nitrite	7632000	This ingredient can act as a nitrosating agent.	
SODIUM O-PHENYLPHENATE	oPhenylphenate, sodium	132274	California Proposition 65 listed for cancer	
SODIUM O-PHENYLPHENATE	Sodium -i>ortho</i>-phenylphenate	132274	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 73 1999)	
SODIUM O-PHENYLPHENATE	sodium 2biphenylate	132274;6152336	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM OXIDE	Disodium oxide	1313593	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM P-CHLORO-M-CRESOL	Sodium pchloromcresolate	15733229	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM PERBORATE	perboric acid, sodium salt	11138479	According to the classification provided by companies to ECHA in REACH registrations this substance may damage fertility or the unborn child.	
SODIUM PERBORATE	perboric acid, sodium salt	10332339; 11138479; 12040721; 37244987	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM PERBORATE	SODIUM PERBORATE	15120215	According to the classification provided by companies to ECHA in REACH registrations this substance may damage fertility or the unborn child.	
SODIUM PEROXIDE	Disodium peroxide	1313606	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM PERSULFATE	Disodium peroxodisulphate	7775271	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SODIUM PHOSPHATE	Sodium phosphate	7558807	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
SODIUM PHYTATE	Sodium Phytate	14306253	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
SODIUM POLYACRYLATE	Sodium polyacrylate	9003047	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
Sodium Polyacrylate Polymer	2Propenoic acid, telomer with sodiumsulfite (1:1), sodium salt	68479094	According to the European Detergent Ingredient Database, a similar ingredient is persistent and has moderate aquatic toxicity.	
Sodium Polyacrylate Polymer	Sodium Polyacrylate Polymer	68479094	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
SODIUM POLYMETHACRYLATE	SODIUM POLYMETHACRYLATE	54193361	According to the European Detergent Ingredient Database, this ingredients is persistent and has moderate aquatic toxicity.	
SODIUM POLYSULPHIDES	Sodium sulfide (Na2(Sx))	1344087	Classified as 'toxic in contact with skin' (GHS H311).	
SODIUM POLYSULPHIDES	Sodium sulfide (Na2(Sx))	1344087	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM POTASSIUM ALUMINUM SILICATE	Ceramic materials and wares , chemicals	66402684	Classified as 'suspected of causing cancer' (GHS H351).	
SODIUM POTASSIUM ALUMINUM SILICATE	Ceramic materials and wares , chemicals	66402684	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SODIUM PYRITHIONE	Pyrithione sodium (INNM) (2)	3811732	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SODIUM PYRITHIONE	Sodium pyrithione	3811732	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SODIUM SARCOsinATE	Sodium sarcosinate	4316738	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM SELENATE	Sodium selenate	13410010	Classified as 'fatal if inhaled' (GHS H330).	
SODIUM SELENATE	Sodium selenate	13410010	Classified as 'toxic if inhaled' (GHS H331).	
SODIUM SELENATE	Sodium selenate	13410010	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM SELENITE	sodium selenite	10102188	Classified as 'toxic if inhaled' (GHS H331).	
SODIUM SELENITE	sodium selenite	10102188	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SODIUM STANNATE	Disodium tin hexahydroxide	12027702	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM STYRENE/ ACRYLATES COPOLYMER	styrene acrylates copolymer	9010928	Nonbiodegradable microplastic and wipe/sheet ingredients.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SODIUM SULFANILATE	4 Aminobenzenesulfonic acid (Sulfanilic acid) and its salts, when used as a substance in hair dye products	121573; 515742	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SODIUM SULFIDE	Disodium sulphide	1313822; 27610453	Classified as 'toxic in contact with skin' (GHS H311).	
SODIUM SULFIDE	Disodium sulphide	1313822; 27610453	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM SULFIDE	Sodium hydrogensulphide	16721805	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM TALLOWATE	Fatty acids, tallow, sodium salts	8052480	Animal based tallow and lard ingredients are prohibited.	
SODIUM TALLOWATE	Sodium Tallowate	8052480	Animal based tallow and lard ingredients are prohibited.	
SODIUM THIOGLYCOLATE	Sodium mercaptoacetate	367511	Classified as 'toxic in contact with skin' (GHS H311).	
SODIUM TOLUENESULFONATE	Sodium toluene4sulphonate	657841	Classified as 'suspected of causing genetic defects' (GHS H341).	
SODIUM TOLUENESULFONATE	Sodium toluene4sulphonate	657841	Classified as 'suspected of causing cancer' (GHS H351).	
Sodium tripolyphosphate	SODIUM TRIPOLYPHOSPHATE	7758294	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
SODIUM UNDECYLENATE	Sodium undec10enoate	3398332	Classified as 'toxic in contact with skin' (GHS H311).	
SODIUM/MEA LAURETH-2 SULFOSUCCINATE	SODIUM/MEA LAURETH2 SULFOSUCCINATE		Ethanolamines can cause asthma, and contain harmful impurities	
SOLVENT BLACK 3	2,3 Dihydro2,2dimethyl6[[4(phenylazo)1naphthelényl]azo]1Hpyrimidine (Solvent Black 3) and its salts, when used as a substance in hair dye products	4197255	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SOLVENT BLACK 5	Nigrosine spirit soluble (Solvent Black 5) and its salts, when used as a substance in hair dye products	11099039	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SOLVENT BLUE 35	Solvent Blue 35	17354142	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Solvent Green 3 (Uncertified D&C Green No. 6)	D&C Green No. 6	128803	This ingredient may be persistent, bioaccumulative and toxic.	
Solvent Green 3 (Uncertified D&C Green No. 6)	Uncertified color additives subject to batch certification	128803	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Solvent Green 7 (Uncertified D&C Green No. 8)	Uncertified color additives subject to batch certification	6358696	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.	Solvent naphtha (petroleum), medium aliph.	64742887	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
Solvent Red 23 (Uncertified D&C Red No. 17)	D&C Red No. 17	85869	This ingredient is persistent, bioaccumulative and toxic.	
Solvent Red 23 (Uncertified D&C Red No. 17)	Uncertified color additives subject to batch certification	85869	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
SOLVENT RED 24	Solvent Red 24	85836	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Solvent Red 48 or Acid Red 92 (Uncertified D&C Red No. 27 or D&C Red No. 28)	D&C Red No. 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
Solvent Red 48 or Acid Red 92 (Uncertified D&C Red No. 27 or D&C Red No. 28)	D&C Red No. 28	18472872	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
Solvent Red 48 or Acid Red 92 (Uncertified D&C Red No. 27 or D&C Red No. 28)	D&C Red 27	2134158	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
Solvent Red 48 or Acid Red 92 (Uncertified D&C Red No. 27 or D&C Red No. 28)	Uncertified color additives subject to batch certification	18472872	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
SOLVENT RED 49:1	Solvent Red 49:1	6373075	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Solvent Red 72 (Uncertified D&C Orange No. 5)	Uncertified color additives subject to batch certification	5960302	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Solvent Red 72 (Uncertified D&C Orange No. 5)	D&C Orange No. 5	5960302	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
Solvent Red 73 or Acid Red 95 (Uncertified D&C Orange No. 10 or 11)	D&C Orange No. 10	5118401	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
Solvent Red 73 or Acid Red 95 (Uncertified D&C Orange No. 10 or 11)	Uncertified color additives subject to batch certification	38577978	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Solvent Red 73 or Acid Red 95 (Uncertified D&C Orange No. 10 or 11)	D&C Orange No. 10	38577978	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
Solvent Violet 13 (Uncertified D&C Violet No. 2)	Uncertified color additives subject to batch certification	81481	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Solvent Yellow 33 (Uncertified D&C Yellow No. 11)	Uncertified color additives subject to batch certification	8003223	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
SOLVENT YELLOW 44	6 Amino-2((2,4-dimethylphenyl)1H-benz[de]isoquinoline-1,3(2H)dione (Solvent Yellow 44) and its salts, when used as a substance in hair dye products	2478208	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SOLVENT YELLOW 44	6-amino-2((2,4-dimethylphenyl)1H-benz[de]isoquinoline-1,3(2H)dione	2478208	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Solvent Yellow 72	Solvent Yellow 72	61813987	Non FDA approved colorant.	
SOYAETHYL MORPHOLINIUM ETHOSULFATE	Onium compounds, morpholinium, 4-ethyl-4-soya alkyl, Et sulfates	61791342	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SOYAETHYL MORPHOLINIUM ETHOSULFATE	SOYAETHYL MORPHOLINIUM ETHOSULFATE	61791342	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
SOYAMIDOPROPALKONIUM CHLORIDE	SOYAMIDOPROPALKONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
SOYAMIDOPROPYLALKONIUM CHLORIDE	SOYAMIDOPROPYLALKONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
SOYAMINE	Amines, soya alkyl	61790189	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SOYAMINE	Amines, soya alkyl	61790189	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SOYTRIMONIUM CHLORIDE	Quaternary ammonium compounds, trimethylsoya alkyl, chlorides	61790418	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SOYTRIMONIUM CHLORIDE	SOYTRIMONIUM CHLORIDE	61790418	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
SPARTEINE, (-)-	Sparteine (INN) and its salts	90391	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SPARTEINE, (-)-	Sparteine and its salts	90391	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Spilanthes acmella, ext.	Spilanthes acmella, ext.	90131241	Classified as 'toxic if inhaled' (GHS H331).	
SPINOSAD	A mixture of: Spinosyn A:(2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR)2(6-deoxy-2,3,4-tri-O-methyl-L-manno-pyranosyloxy)13(4-dimethylamino-2,3,4,6-tetra-deoxy-D-erythro-pyranosyloxy)9-ethyl-2,3a,5a,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-14-methyl	168316958	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SPIRAMYCIN	Spiramycin	8025818	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
SPIRAMYCIN	Spiramycin	8025818	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SPIRO(BENZOFURAN-2(3H),1'-(2)CYCLOHEXENE)-3,4'-DIONE, 7-CHLORO-2',4,6-TRIMETHOXY-6'-BETA-	Griseofulvin	126078	California Proposition 65 listed for cancer	
SPIRO(BENZOFURAN-2(3H),1'-(2)CYCLOHEXENE)-3,4'-DIONE, 7-CHLORO-2',4,6-TRIMETHOXY-6'-BETA-	Griseofulvin	126078	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
STANNANE, (LINOLEOXY)TRIBUTYL-	Stannane, tributyl[(10x9,12)octadecad	24124252	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, BENZOYLOXYTRIBUTYL-	Stannane, (benzoyloxy)tributyl	4342363	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, BIS(2-ETHYLHEXANOYLOXY)DIBUTYL-	Dibutyltin bis(2ethylhexanoate)	2781104	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, BIS(2-ETHYLHEXANOYLOXY)DIBUTYL-	Dibutyltin bis(2ethylhexanoate)	2781104	Classified as 'may damage fertility or the unborn child' (GHS H360).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
STANNANE, BIS(2-ETHYLHEXANOYLOXY)DIBUTYL-	Dibutyltin bis(2ethylhexanoate)	2781104	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, BIS(2-ETHYLHEXANOYLOXY)DIBUTYL-	Dibutyltin bis(2ethylhexanoate)	2781104	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, BIS(DODECYLTHIO)DIMETHYL-	Bis(dodecylthio)dimethylstannane	51287844	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, BIS(METHOXYMALEOYLOXY)DIBUTYL-	Methyl (Z,Z)8,8dibutyl3,6,10trioxo2,7,9trioxa8stannatrideca4,11dien13oate	15546119	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, BIS(METHOXYMALEOYLOXY)DIBUTYL-	Methyl (Z,Z)8,8dibutyl3,6,10trioxo2,7,9trioxa8stannatrideca4,11dien13oate	15546119	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, BIS(METHOXYMALEOYLOXY)DIBUTYL-	Methyl (Z,Z)8,8dibutyl3,6,10trioxo2,7,9trioxa8stannatrideca4,11dien13oate	15546119	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, BIS(METHOXYMALEOYLOXY)DIBUTYL-	Methyl (Z,Z)8,8dibutyl3,6,10trioxo2,7,9trioxa8stannatrideca4,11dien13oate	15546119	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, BUTYLHYDROXYOXO-	Butylhydroxyoxostannane	2273430	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, BUTYLTRICHLORO-	Nbutyltin trichloride	1118463	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, BUTYLTRICHLORO-	Nbutyltin trichloride	1118463	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, BUTYLTRICHLORO-	Nbutyltin trichloride	1118463	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, BUTYLTRICHLORO-	Nbutyltin trichloride	1118463	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, BUTYLTRIS((2-ETHYL-1-OXOHEXYL)OXY)-	Butyltris[(2ethyl1oxohexyl)oxy]stannane	23850944	Classified as 'toxic in contact with skin' (GHS H311).	
STANNANE, BUTYLTRIS((2-ETHYL-1-OXOHEXYL)OXY)-	Butyltris[(2ethyl1oxohexyl)oxy]stannane	23850944	Classified as 'toxic if inhaled' (GHS H331).	
STANNANE, CHLOROTRIBUTYL-	TRIBUTYLTIN CHLORIDE	1461229	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, CHLOROTRIBUTYL-	TRIBUTYLTIN CHLORIDE	1461229	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, CHLOROTRIBUTYL-	TRIBUTYLTIN CHLORIDE	1461229	Classified as 'toxic in contact with skin' (GHS H311).	
STANNANE, CHLOROTRIBUTYL-	TRIBUTYLTIN CHLORIDE	1461229	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, CHLOROTRIBUTYL-	TRIBUTYLTIN CHLORIDE	1461229	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, CHLOROTRIOCTYL-	Chlorotrioctylstannane	2587760	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, CHLOROTRIOCTYL-	Chlorotrioctylstannane	2587760	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, CHLOROTRIPROPYL-	Trinpropyltin (TPrT)	2279767	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, DIACETOXYDIBUTYL-	Dibutyltin di(acetate)	1067330	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, DIACETOXYDIBUTYL-	Dibutyltin di(acetate)	1067330	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, DIACETOXYDIBUTYL-	Dibutyltin di(acetate)	1067330	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, DIACETOXYDIBUTYL-	Dibutyltin di(acetate)	1067330	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, DIBUTYLBIS(DODECYLTHIO)-	Dibutylbis(dodecylthio)stannane	1185815	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, DIBUTYLBIS(DODECYLTHIO)-	Dibutylbis(dodecylthio)stannane	1185815	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, DIBUTYLBIS(DODECYLTHIO)-	Dibutylbis(dodecylthio)stannane	1185815	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, DIBUTYLDI(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2ethylhexyl 4,4dibutyl10ethyl7oxo8oxa3,5dithia4stannatetradecanoate	10584982	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, DIBUTYLDI(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2ethylhexyl 4,4dibutyl10ethyl7oxo8oxa3,5dithia4stannatetradecanoate	10584982	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, DIBUTYLDI(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2ethylhexyl 4,4dibutyl10ethyl7oxo8oxa3,5dithia4stannatetradecanoate	10584982	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, DIBUTYLDICHLORO-	DIBUTYLTIN DICHLORIDE	683181	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, DIBUTYLDICHLORO-	DIBUTYLTIN DICHLORIDE	683181	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, DIBUTYLDICHLORO-	DIBUTYLTIN DICHLORIDE	683181	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, DIBUTYLDICHLORO-	DIBUTYLTIN DICHLORIDE	683181	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, DIBUTYLOXO-	DIBUTYLTIN OXIDE	818086	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, DIBUTYLOXO-	DIBUTYLTIN OXIDE	818086	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, DIBUTYLOXO-	DIBUTYLTIN OXIDE	818086	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, DICHLORODIMETHYL-	Dimethyltin dichloride	753731	Classified as 'toxic in contact with skin' (GHS H311).	
STANNANE, DICHLORODIMETHYL-	Dimethyltin dichloride	753731	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, DICHLORODIMETHYL-	Dimethyltin dichloride	753731	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, DICHLORODIMETHYL-	Dimethyltin dichloride	753731	Classified as 'toxic if inhaled' (GHS H331).	
STANNANE, DICHLORODIOCTYL-	DICHLORODIOCTYLSTANNANE	3542367	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, DICHLORODIOCTYL-	DICHLORODIOCTYLSTANNANE	3542367	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, DICHLORODIOCTYL-	DICHLORODIOCTYLSTANNANE	3542367	Classified as 'toxic if inhaled' (GHS H331).	
STANNANE, DICHLORODIOCTYL-	STANNANE, DICHLORODIOCTYL-	3542367	Europe prohibits this ingredient in cosmetics	
STANNANE, DIOCTYL-	STANNANE, DIOCTYL-	15231444	Europe prohibits this ingredient in cosmetics	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
STANNANE, DIOCTYL(ETHYLENE)DI-OXYBIS(CARBONYLMETHYLTHIO)-	8,8-dioctyl-1,4-dioxo-7,9-dithia-8-stannacycloundecane-5,11-dione	69226444	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, DIOCTYLDI(LAUROYLOXY)-	Diocetyl tin dilaurate	3648188	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, DIOCTYLDI(LAUROYLOXY)-	Diocetyl tin dilaurate	3648188	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNANE, DIOCTYLDI(LAUROYLOXY)-	STANNANE, DIOCTYLDI(LAUROYLOXY)-	3648188	Europe prohibits this ingredient in cosmetics	
STANNANE, DIOCTYLOXO-	DIOCTYL TIN OXIDE	870086	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, DIOCTYLOXO-	DIOCTYL TIN OXIDE	870086	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, FLUOROTRIBUTYL-	Stannane, tributylfluoro	1983104	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, HYDROXYTRIPHENYL-	Fentin hydroxide	76879	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
STANNANE, HYDROXYTRIPHENYL-	Triphenyltin hydroxide	76879	California Proposition 65 listed for cancer	
STANNANE, HYDROXYTRIPHENYL-	Triphenyltin hydroxide	76879	California Proposition 65 listed for developmental	
STANNANE, METHYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]2-oxoethyl]thio]4-methyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	57583343	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, METHYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]2-oxoethyl]thio]4-methyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	57583343	Classified as 'toxic in contact with skin' (GHS H311).	
STANNANE, OCTYLTRICHLORO-	TRICHLOROCTYLSTANNANE	3091256	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, OCTYLTRICHLORO-	TRICHLOROCTYLSTANNANE	3091256	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]2-oxoethyl]thio]4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	27107897	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]2-oxoethyl]thio]4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	27107897	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, OCTYLTRIS(2-ETHYLHEXYLOXYCARBONYLMETHYLTHIO)-	2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]2-oxoethyl]thio]4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	27107897	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, SALICYLOYLOXYTRIBUTYL-	Phenol, 2-[[[(tributylstannyloxy)carbonyl	4342307	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'suspected of causing genetic defects' (GHS H341).	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'toxic in contact with skin' (GHS H311).	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'fatal if inhaled' (GHS H330).	
STANNANE, TETRABUTYL-	Tetrabutyltin	1461252	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, TETRABUTYL-	Tetrabutyltin (TTBT)	1461252	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, TETRAOCTYL-	Tetraoctyltin	3590849	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, TRI-N-BUTYL-, HYDRIDE	Trinbutyltin hydride	688733	Classified as 'may damage fertility or the unborn child' (GHS H360).	
STANNANE, TRI-N-BUTYL-, HYDRIDE	Trinbutyltin hydride	688733	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNANE, TRI-N-BUTYL-, HYDRIDE	Tributyltin hydride	688733	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, TRIBUTYL(METHACRYLOYLOXY)-	Tributyl[[2-methyl-1-oxo-2-propenyl]oxy]stannane	2155706	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, TRIBUTYL(METHACRYLOYLOXY)-	Tributyltin methacrylate	2155706	California Proposition 65 listed for developmental	
STANNANE, TRIBUTYL(OLEOYLOXY)-	Stannane, tributyl[[1-oxo-9-octadecenyl]	3090355	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNANE, TRIPHENYL-	Triphenyltin	892206	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STANNIC CHLORIDE	tin tetrachloride	7646788; 10026069	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNOUS CHLORIDE	Tin dichloride	7772998	Classified as 'suspected of causing genetic defects' (GHS H341).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
STANNOUS CHLORIDE	Tin dichloride	7772998	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STANNOUS CHLORIDE	Tin dichloride	7772998	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STANNOUS CHLORIDE	Tin dichloride	7772998	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STANNOUS FLUORIDE	Tin difluoride	7783473	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STEARKONIUM CHLORIDE	Benzyltrimethyl(octadecyl)ammonium chloride	122190	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STEARKONIUM CHLORIDE	Benzyltrimethyl(octadecyl)ammonium chloride	122190	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STEARKONIUM CHLORIDE	Benzyltrimethylstearylammonium Chloride	122190	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
STEARKONIUM CHLORIDE	STEARKONIUM CHLORIDE	122190	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
STEARKONIUM CHLORIDE	Benzyltrimethylstearylammonium Chloride	122190	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
STEARAMIDE MEA	STEARAMIDE MEA	111579	Ethanolamines can cause asthma, and contain harmful impurities	
STEARAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	STEARAMIDOPROPYL PGDIMONIUM CHLORIDE PHOSPHATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
STEARAMINE	OCTADECYLAMINE	124301	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STEARAMINE	OCTADECYLAMINE	124301	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STEARIC ACID, BARIUM CADMIUM SALT (4:1:1)	Cadmium Compounds	1191793	Listed on the 14th Report on Carcinogens as a known carcinogen	
STEAROXYPROPYL DIMETHYLAMINE	N,Ndimethyl3(octadecyloxy)propylamine	17517010	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STEAROXYPROPYL DIMETHYLAMINE	N,Ndimethyl3(octadecyloxy)propylamine	17517010	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STEAROXYPROPYLTRIMONIUM CHLORIDE	trimethyl[3(octadecyloxy)propyl]azanium chloride	23328714	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STEARTRIMONIUM BROMIDE	STEARTRIMONIUM BROMIDE	1120021	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
STEARYL METHACRYLATE/PERFLUOROOCETYLETHYL METHACRYLATE COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
STEARYL OCTYLDIMONIUM METHOSULFATE	STEARYL OCTYLDIMONIUM METHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
STEEL, ALUMINUM NICKEL	Nickel Compounds	61431865	Listed on the 14th Report on Carcinogens as a known carcinogen	
STORAX	Styrax (Crude)	8024019; 8046193	Prohibited by the International Fragrance Association for use in fragrance.	
STREPTAMINE, O-3-AMINO-3-DEOXY-ALPHA-D-GLUCOPYRANOSYL-(1-6)-O-(2,6-DIAMINO-2,3,6-TRIDEOXY-	Tobramycin sulfate	49842071	California Proposition 65 listed for developmental	
STREPTOMYCIN, SULFATE (2:3) (SALT)	Streptomycin sulfate	3810740	California Proposition 65 listed for developmental	
STRONTIUM	Strontium	7440246	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STRONTIUM CHROMATE	strontium chromate	77890602	Classified as 'suspected of causing genetic defects' (GHS H341).	
STRONTIUM CHROMATE	strontium chromate	77890602	Classified as 'may cause cancer' (GHS H350).	
STRONTIUM CHROMATE	strontium chromate	77890602	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
STRONTIUM CHROMATE	strontium chromate	77890602	Classified as 'fatal if inhaled' (GHS H330).	
STRONTIUM CHROMATE	strontium chromate	77890602	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
STRONTIUM HYDROXIDE	Strontium hydroxide	18480074	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STRONTIUM HYDROXIDE	Strontium hydroxide	18480074	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STRONTIUM NITRATE	Strontium nitrate	10042769	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
STRONTIUM OXIDE	Strontium oxide	1314110	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STRONTIUM SULFIDE	Strontium sulphide	1314961	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STROPHANTIN-K	Strophantines, their aglucones and derivatives	11005633	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
STROPHANTIN-K	Strophantines, their aglucones and their respective derivatives	11005633	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
STRYCHNINE	Strychnine and its salts	57249	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	



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STRYCHNINE	Strychnine and its salts	57249	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
STYRENE	styrene	100425	California Proposition 65 listed for cancer	
STYRENE	styrene	100425	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
STYRENE	styrene	100425	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
STYRENE	styrene	100425	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
STYRENE	styrene	100425	Probably carcinogenic to humans' IARC (Category 2A, Volume 60, 82, 121 In prep.)	
STYRENE	styrene	100425	Listed as an IARC Group 2A Carcinogen	
STYRENE	styrene	100425	California Prop65 Chemical (cancer)	
STYRENE	styrene	100425	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
STYRENE	styrene	100425	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
STYRENE OXIDE	(Epoxyethyl)benzene	96093	Classified as 'suspected of causing genetic defects' (GHS H341).	
STYRENE OXIDE	(Epoxyethyl)benzene	96093	Classified as 'may cause cancer' (GHS H350).	
STYRENE OXIDE	(Epoxyethyl)benzene	96093	Classified as 'toxic in contact with skin' (GHS H311).	
STYRENE OXIDE	(Epoxyethyl)benzene	96093	Classified as 'toxic if inhaled' (GHS H331).	
STYRENE OXIDE	(Epoxyethyl)benzene	96093	Classified as 'may cause genetic defects' (GHS H340).	
STYRENE OXIDE	(Epoxyethyl)benzene (Styrene oxide)	96093	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
STYRENE OXIDE	Styrene oxide	96093	California Proposition 65 listed for cancer	
STYRENE OXIDE	Styrene7,8oxide	96093	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
STYRENE OXIDE	Styrene7,8oxide	96093	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 60, 121 In prep.)	
STYRENE OXIDE	Styrene7,8oxide	96093	Listed as an IARC Group 2A Carcinogen	
STYRENE OXIDE	Styrene7,8oxide	96093	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
STYRENE-4-SULFONYL CHLORIDE	styrene4sulfonyl chloride	2633672	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
STYRENE, METHYL-	Vinyltoluene	25013154	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
STYRENE, OCTACHLORO-	Octachlorostyrene	29082744	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
STYRENE, P-METHYL-	4Methylstyrene	622979	Classified as 'suspected of causing genetic defects' (GHS H341).	
Styrene/Acrylates Copolymer	styrene acrylates copolymer	9010928	Nonbiodegradable microplastic and wipe/sheet ingredients.	
SUBERONITRILE	Suberonitrile	629403	Classified as 'toxic in contact with skin' (GHS H311).	
SUBERONITRILE	Suberonitrile	629403	Classified as 'toxic if inhaled' (GHS H331).	
substrate	substrate		EWG Verified doesn't allow products to use nonspecific ingredient names.	
SUCCINIC ACID, CADMIUM SALT (1:1)	Cadmium Compounds	141004	Listed on the 14th Report on Carcinogens as a known carcinogen	
SUCCINIC ANHYDRIDE, (TETRAPROPENYL)-	Dihydro3(tetrapropenyl)furan2,5dione	26544387	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SUCCINIC ANHYDRIDE, ALLYL-	3allyl(dihydro)furan2,5dione	7539120	Classified as 'toxic in contact with skin' (GHS H311).	
SUCCINONITRILE	Succinonitrile	110612	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SUCCINONITRILE	Succinonitrile	110612	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SUCCINONITRILE	Succinonitrile	110612	Classified as 'toxic in contact with skin' (GHS H311).	
SUCCINONITRILE	Succinonitrile	110612	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SULFALLATE	Sulfallate	95067	California Proposition 65 listed for cancer	
SULFALLATE	Sulfallate	95067	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SULFALLATE	Sulfallate	95067	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
SULFALLATE	Sulfallate	95067	Possibly carcinogenic to humans' IARC (Category 2B, Volume 30, Sup 7 1987)	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SULFALLATE	Sulfallate	95067	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
SULFAMIC ACID, COBALT(2+) SALT (2:1)	Cobalt(2+) disulphamate	14017415	Classified as 'suspected of causing genetic defects' (GHS H341).	
SULFAMIC ACID, COBALT(2+) SALT (2:1)	Cobalt(2+) disulphamate	14017415	Classified as 'may cause cancer' (GHS H350).	
SULFAMIC ACID, COBALT(2+) SALT (2:1)	Cobalt(2+) disulphamate	14017415	Classified as 'suspected of causing cancer' (GHS H351).	
SULFAMIC ACID, COBALT(2+) SALT (2:1)	Cobalt(2+) disulphamate	14017415	Classified as 'may damage fertility or the unborn child' (GHS H360).	
SULFAMIC ACID, COBALT(2+) SALT (2:1)	Cobalt(2+) disulphamate	14017415	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SULFAMIC ACID, N,N-DIMETHYL-, ESTER WITH 5-BUTYL-2-ETHYLAMINO-6-METHYLPYRIMIDIN-4-OL	SULFAMIC ACID, N,N-DIMETHYL-, ESTER WITH 5-BUTYL-2-ETHYLAMINO-6-METHYLPYRIMIDIN-4-OL	41483436	Europe prohibits this ingredient in cosmetics	
SULFANILAMIDE	Sulfonamides and their salts obtained by substitution of one or more Hatoms of the NH2 groups	63741; 10103158; 6101311; 723466	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SULFANILAMIDE MONOHYDROCHLORIDE	Sulfonamides and their salts obtained by substitution of one or more Hatoms of the NH2 groups	63741; 10103158; 6101311; 723466	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SULFANILAMIDE, 3,5-DINITRO-N(SUP 4),N(SUP 4)-DIPROPYL-	Oryzalin	19044883	California Proposition 65 listed for cancer	
SULFANILAMIDE, MONOSODIUM SALT	Sulfonamides and their salts obtained by substitution of one or more Hatoms of the NH2 groups	63741; 10103158; 6101311; 723466	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SULFANILAMIDE, N'-(5-METHYL-3-ISOXAZOLYL)-	Sulfonamides and their salts obtained by substitution of one or more Hatoms of the NH2 groups	63741; 10103158; 6101311; 723466	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SULFONE, ETHYL P-FLUOROPHENYL	Fluoresone	2924676	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
SULFONE, ETHYL P-FLUOROPHENYL	Fluoresone (INN)	2924676	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SULFUR FLUORIDE	Sulphur hexafluoride	2551624	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
SULFUR TRIOXIDE	Sulphur trioxide	7446119	Classified as 'suspected of causing cancer' (GHS H351).	
SULFUR TRIOXIDE	Sulphur trioxide	7446119	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULFUR TRIOXIDE	Sulphur trioxide	7446119	Classified as 'fatal if inhaled' (GHS H330).	
SULFURIC ACID	Strong inorganic acid mists containing sulfuric acid	7664939	California Proposition 65 listed for cancer	
SULFURIC ACID	Sulfuric Acid	7664939	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULFURIC ACID	Sulfuric Acid (see Strong Inorganic Acid Mists Containing Sulfuric Acid)	7664939	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
SULFURIC ACID	Sulfuric Acid	7664939	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID	Strong inorganic acid mists containing sulfuric acid	7664939	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID, AMMONIUM CHROMIUM(3+) SALT (2:1:1), DODECAHYDRATE	Chromium Compounds	10022476	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SULFURIC ACID, AMMONIUM NICKEL(2+) SALT (2:2:1)	Nickel Compounds	15699180	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID, AMMONIUM NICKEL(2+) SALT (2:2:1), HEXAHYDRATE	Nickel Compounds	7785208	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID, AMMONIUM NICKEL(2+) SALT (3:2:2)	Nickel Compounds	25749080	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID, CERIUM SALT (2:1)	Cerium(4+) disulphate	10294425; 13590824	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULFURIC ACID, CERIUM SALT (2:1)	Cerium(4+) disulphate	10294425; 13590824	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SULFURIC ACID, CHROMIUM SALT	Chromium Compounds	14489259	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SULFURIC ACID, CHROMIUM(3+) SALT (3:2), PENTADECYDRATE	Chromium Compounds	10031375	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
SULFURIC ACID, DIISOPROPYL ESTER	Diisopropyl sulfate	2973106	California Proposition 65 listed for cancer	
SULFURIC ACID, DIISOPROPYL ESTER	Diisopropyl sulfate	2973106	Possibly carcinogenic to humans' IARC (Category 2B, Volume 54, 71 1999)	
SULFURIC ACID, MAGNESIUM SALT (1:1), COMPD. WITH 2,2'-DITHIOBIS(PYRIDINE) 1,1'-OXIDE	Dithio 2,2'bispyridinedioxide1,1' (additive with trihydrated magnesium sulphate) (pyrithione disulphide + magnesium sulphate)	43143119	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SULFURIC ACID, NICKEL(2+) SALT (1:1), HEPTAHYDRATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'suspected of causing genetic defects' (GHS H341).	
SULFURIC ACID, NICKEL(2+) SALT (1:1), HEPTAHYDRATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause cancer' (GHS H350).	
SULFURIC ACID, NICKEL(2+) SALT (1:1), HEPTAHYDRATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
SULFURIC ACID, NICKEL(2+) SALT (1:1), HEPTAHYDRATE	Nickel sulphate	7786814; 10101970; 10101981	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
SULFURIC ACID, NICKEL(2+) SALT (1:1), HEPTAHYDRATE	Nickel Compounds	10101981	Listed on the 14th Report on Carcinogens as a known carcinogen	
SULFURIC ACID, TIN(2+) SALT (1:1)	Tin sulphate	7488553	Classified as 'suspected of causing genetic defects' (GHS H341).	
SULFURIC ACID, TIN(2+) SALT (1:1)	Tin sulphate	7488553	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER	Aramite	140578	California Proposition 65 listed for cancer	
SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER	Aramite	140578	EPA IRIS 'probable carcinogen'.	
SULFUROUS ACID, 2-(P-T-BUTYLPHENOXY)-1-METHYLETHYL-2-CHLOROETHYL ESTER	Aramite*	140578	Possibly carcinogenic to humans' IARC (Category 2B, Volume 5, Sup 7 1987)	
SULISOBENZONE	BENZOPHENONE4	4065456	This ingredient has endocrine disrupting and sensitizing effects.	
SULPHANILIC ACID	4 Aminobenzenesulfonic acid (Sulfanilic acid) and its salts, when used as a substance in hair dye products	121573;515742	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
SULPHUR DICHLORIDE	sulphur dichloride	10545990	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULPHUR DIOXIDE	Sulfur dioxide	7446095	California Proposition 65 listed for developmental	
SULPHUR DIOXIDE	sulphur dioxide	74460905	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULPHUR DIOXIDE	sulphur dioxide	74460905	Classified as 'toxic if inhaled' (GHS H331).	
SULPHURYL CHLORIDE	Sulphuryl dichloride	7791255	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
SULPHURYL CHLORIDE	Sulphuryl dichloride	7791255	Classified as 'fatal if inhaled' (GHS H330).	
Sultaines	Sultaines		EWG Verified doesn't allow products to use nonspecific ingredient names.	
SUNFLOWERSEEDAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	SUNFLOWERSEEDAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Sunset Yellow (Uncertified FD&C Yellow No. 6)	Uncertified color additives subject to batch certification	2783940	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Sunset Yellow (Uncertified FD&C Yellow No. 6) Lake	Uncertified color additives subject to batch certification	2783940	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
SYMCLOSENE	Symclosene	87901	EWG F scoring ingredient under any condition of use.	
SYMCLOSENE	Symclosene	87901	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
SYMCLOSENE	Symclosene	87901	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
T-DODECANETHIOL	tertDodecanethiol	25103586	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TACHYSTEROL, DIHYDRO-	Dihydrotachysterol	67969	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TACHYSTEROL, DIHYDRO-	Dihydrotachysterol (INN)	67969	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TAGETES RECTA	Tagetes erecta flower extract, Tagetes erecta flower oil	90131434	Europe prohibits this ingredient in cosmetics.	
TAGETES RECTA	Tagetes erecta flower extract	90131434	Banned in European Cosmetics	
TAGETES RECTA	tagetes oil and absolute	90131434	Prohibited for use in cosmetics by IFRA	
TAGETES RECTA (AZTEC MARIGOLD) EXTRACT	Tagetes erecta flower extract, Tagetes erecta flower oil	90131434	Europe prohibits this ingredient in cosmetics.	
TAGETES RECTA (AZTEC MARIGOLD) EXTRACT	Tagetes erecta flower extract	90131434	Banned in European Cosmetics	
TAGETES RECTA (AZTEC MARIGOLD) EXTRACT	tagetes oil and absolute	90131434	Prohibited for use in cosmetics by IFRA	
TAGETES RECTA (AZTEC MARIGOLD) EXTRACT OIL	Tagetes erecta flower extract	90131434	Banned in European Cosmetics	
TAGETES RECTA (AZTEC MARIGOLD) OIL	Tagetes erecta flower extract, Tagetes erecta flower oil	90131434	Europe prohibits this ingredient in cosmetics.	
TAGETES RECTA (AZTEC MARIGOLD) OIL	tagetes oil and absolute	90131434	Prohibited for use in cosmetics by IFRA	
TAGETES OIL	Tagetes erecta flower extract	90131434	Banned in European Cosmetics	
TAGETES OIL	tagetes oil and absolute	90131434	Prohibited for use in cosmetics by IFRA	
TALC	Talcbased body powder (perineal use of)	14807966	Possibly carcinogenic to humans' IARC (Category 2B, Volume 93 2010)	
TALL OIL	Tall Oil, Crude	8002264	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TALL OIL	Tall Oil, Crude	8002264	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TALL OIL HYDROXYETHYL IMIDAZOLINE	1Himidazole1ethanol, 4,5dihydro, 2nortalloil alkyl derivs.	61791397	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TALL OIL HYDROXYETHYL IMIDAZOLINE	1Himidazole1ethanol, 4,5dihydro,2nortalloil alkyl derivs.	61791397	Imidazoline surfactant derivatives can cause severe skin burns and eye damage and be very toxic to aquatic life with long lasting effects.	
TALLOW	Tallow	61789977	Animal based tallow and lard ingredients are prohibited.	
TALLOW FATTY ACID	Fatty acids, tallow	61790372	Animal based tallow and lard ingredients are prohibited.	
TALLOWALKONIUM CHLORIDE	TALLOWALKONIUM CHLORIDE	61789751	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
TALLOWDIMONIUM PROPYLTRIMONIUM DICHLORIDE	Tallowdimonium Propyltrimonium Dichloride	68607294	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TALLOWTRIMONIUM CHLORIDE	TALLOWTRIMONIUM CHLORIDE	8030782	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
TANTALUM CHLORIDE	Tantalum pentachloride	77210109	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TCA-SODIUM	TCA	650511	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TEA ACRYLAMIDE COPOLYMER	TEA ACRYLAMIDE COPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
TEA ACRYLATES/ C10-30 ALKYL ACRYLATE CROSSPOLYMER	TEA ACRYLATES/ C1030 ALKYL ACRYLATE CROSSPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
TEA DODECYLBENZENESULFONATE	TEA DODECYLBENZENESULFONATE	27323417	Ethanolamines can cause asthma, and contain harmful impurities	
TEA LEAF EXTRACT	TEA LEAF EXTRACT		Ethanolamines can cause asthma, and contain harmful impurities	
TEA OLEATE	TEA OLEATE	2717159	Ethanolamines can cause asthma, and contain harmful impurities	
TEA-ACRYLATES/ACRYLONITROGENS COPOLYMER	TEAACRYLATES/ACRYLONITROGENS COPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
TEA-ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	TEAACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		Ethanolamines can cause asthma, and contain harmful impurities	
TEA-DIMETHICONE PEG-7 PHOSPHATE	TEADIMETHICONE PEG7 PHOSPHATE		Ethanolamines can cause asthma, and contain harmful impurities	
TEA-DIRICINOLEATE/IPDI COPOLYMER	TEADIRICINOLEATE/IPDI COPOLYMER	351425020	Ethanolamines can cause asthma, and contain harmful impurities	
TEA-LACTATE	TEALACTATE	6784716	Ethanolamines can cause asthma, and contain harmful impurities	
TEA-LAURETH SULFATE	TEALaureth Sulfate	27028826	Ethanolamines can cause asthma, and contain harmful impurities	
TEA-LAURETH-4 PHOSPHATE	TEALAURETH4 PHOSPHATE		Ethanolamines can cause asthma, and contain harmful impurities	
TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	TEAPEG50 HYDROGENATED CASTOR OIL SUCCINATE		Ethanolamines can cause asthma, and contain harmful impurities	
TEA-SALICYLATE	TEA SALICYLATE	2174165	Ethanolamines can cause asthma, and contain harmful impurities	
TEA-TALLATE	Fatty acids, talloil, reaction products with triethanolamine	67784785	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TELLURIUM	Tellurium	13494809	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TELLURIUM	Tellurium	13494809	Classified as 'fatal in contact with skin' (GHS H310).	
TELLURIUM	Tellurium and its compounds	13494809	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TELLURIUM	Tellurium and its compounds	13494809	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TELLURIUM DIOXIDE	Tellurium dioxide	74460703	Classified as 'may cause cancer' (GHS H350).	
TELLURIUM DIOXIDE	Tellurium dioxide	74460703	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TELLURIUM DIOXIDE	Tellurium dioxide	74460703	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
Tellurium dioxide	Tellurium dioxide	2025820	This ingredient is banned the European Union	X
TEPP	tetraethyl pyrophosphate	107493	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TEPP	Tetraethyl pyrophosphate (TEPP ISO)	107493	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TEREPHTHALALDEHYDE	Terephthalaldehyde	623278	Classified as 'toxic in contact with skin' (GHS H311).	
TEREPHTHALALDEHYDE	Terephthalaldehyde	623278	Classified as 'toxic if inhaled' (GHS H331).	
TEREPHTHALOYL CHLORIDE	Terephthaloyl dichloride	100209	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TEREPHTHALOYL CHLORIDE	Terephthaloyl dichloride	100209	Classified as 'toxic if inhaled' (GHS H331).	
TERPHENYL	TERPHENYL	26140603	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TERT-BUTYL ACRYLATE	tertbutyl acrylate	1663394	Classified as 'toxic if inhaled' (GHS H331).	
TERT-BUTYL METHYL ETHER	methyl tertiary butyl ether (MTBE)	1634044	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
TERT-BUTYLARSINE	tertbutylarsine	4262435	Classified as 'fatal if inhaled' (GHS H330).	
TERT-BUTYLHYDROPEROXIDE	TERT-BUTYLHYDROPEROXIDE	75912	Europe prohibits this ingredient in cosmetics	
TERT-BUTYLHYDROQUINONE	2tertButylhydroquinone	1948330	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TERT-NONANETHIOL	1,1dimethylheptanethiol	25360105	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TERT-PENTYL HYDROPEROXIDE	tertpentyl hydroperoxide	3425614	Classified as 'suspected of causing genetic defects' (GHS H341).	
TERT-PENTYL HYDROPEROXIDE	tertpentyl hydroperoxide	3425614	Classified as 'toxic in contact with skin' (GHS H311).	
TERT-PENTYL HYDROPEROXIDE	tertpentyl hydroperoxide	3425614	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TERT-PENTYL HYDROPEROXIDE	tertpentyl hydroperoxide	3425614	Classified as 'toxic if inhaled' (GHS H331).	
TESTOSTERONE	Androgenic effects, substances with	58220; 53430	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TESTOSTERONE	Testosterone and its esters	58220	California Proposition 65 listed for cancer	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TESTOSTERONE, CYCLOPENTANEPROPIONATE	Testosterone cypionate	58208	California Proposition 65 listed for developmental	
TESTOSTERONE, HEPTANOATE	Testosterone enanthate	315377	California Proposition 65 listed for developmental	
TETRABUTYLAMMONIUM BUTYLTRIPHENYLBORATE	tetrabutylammonium butyltriphenylborate	120307064	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRACARBONYLNICKEL	Nickel carbonyl	13463393	California Proposition 65 listed for cancer	
TETRACARBONYLNICKEL	Nickel carbonyl	13463393	California Proposition 65 listed for developmental	
TETRACARBONYLNICKEL	Nickel carbonyl	13463393	EPA IRIS 'probable carcinogen'.	
TETRACARBONYLNICKEL	tetracarbonylnickel	13463393	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRACARBONYLNICKEL	Nickel Compounds	13463393	Listed on the 14th Report on Carcinogens as a known carcinogen	
TETRACHLORO-P-BENZOQUINONE	tetrachloropbenzoquinone	118752	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	EWG F scoring ingredient under any condition of use.	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	EPA IRIS 'likely carcinogenic'.	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	Classified as 'suspected of causing cancer' (GHS H351).	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	Classified as 'may cause cancer' (GHS H350).	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
TETRACHLOROETHYLENE	Tetrachloroethylene (Perchloroethylene)	127184	California Proposition 65 listed for cancer	
TETRACHLOROETHYLENE	Tetrachloroethylene (Perchloroethylene)	127184	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 63, 106 2014)	
TETRACHLOROETHYLENE	Tetrachloroethylene (Perchloroethylene)	127184	Listed as an IARC Group 2A Carcinogen	
TETRACHLOROETHYLENE	tetrachloroethylene	127184	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
TETRACHLOROPHTHALIC ANHYDRIDE	tetrachlorophthalic anhydride	117088	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
TETRACHLOROPHTHALIC ANHYDRIDE	tetrachlorophthalic anhydride	117088	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
TETRACHLOROPHTHALIC ANHYDRIDE	tetrachlorophthalic anhydride	117088	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRACHLOROPHTHALIC ANHYDRIDE	tetrachlorophthalic anhydride	117088	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TETRACHLORVINPHOS	Tetrachlorvinphos	22248799	California Proposition 65 listed for cancer	
TETRACHLORVINPHOS	Tetrachlorvinphos	22248799	Possibly carcinogenic to humans' IARC (Category 2B, Volume 30, Sup 7, 112 2017)	
TETRACHLORVINPHOS	Tetrachlorvinphos	22248799	Listed as an IARC Group 2B Carcinogen	
TETRACHLORVINPHOS	Tetrachlorvinphos	22248799	California Prop65 Chemical (cancer)	
TETRADECENE	Tetradecene	1120361	Prohibited aerosol propellant	
TETRADECYL AMINOBUTYROYLVALYLAMINOBUTYRIC UREA TRIFLUOROACETATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TETRADECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethyltetradecylamine	75881208	California Proposition 65 listed for cancer	
TETRADECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethyltetradecylamine	75881208	California Prop65 Chemical (cancer)	
TETRADIBUTYL PENTAERITHRITYL HYDROXYHYDROCINNAMATE	PENTAERYTHRITYL TETRADIBUTYL HYDROXYHYDROCINNAMATE	6683198	According to the European Detergent Ingredient Database this ingredient is persistent and toxic to aquatic life.	
Tetrafluoroethylene	Tetrafluoroethylene	116-14-3	This ingredient is banned the European Union	X
Tetrafluoropropene	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TETRAHEXYLDECYL ASCORBATE	Lascorbyl 2,3,5,6tetrakis(2hexyldecanoate)	183476826	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRAHYDRO-DIMETHYL-BENZOFURAN-2-ONE	TETRAHYDRO-DIMETHYL-BENZOFURAN-2-ONE	13341725	Mintlactone should not be used as a fragrance ingredient, per IFRA Amendment 50 (2021). It is predicted to be genotoxic.	
TETRAHYDRO-DIMETHYL-BENZOFURAN-2-ONE	TETRAHYDRO-DIMETHYL-BENZOFURAN-2-ONE	13341725	According to IFRA Amendment 50, mintlactone cannot be safely used as a fragrance ingredient due to genotoxicity concerns.	
TETRAHYDROCANNABINOL	Cannabis, as defined in subsection 2(1) of the Cannabis Act (see the Cannabis Exemption (Food and Drugs Act) Regulations for details)	13956291; 521357; 1972083	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TETRAHYDROFURAN	tetrahydrofuran	109999	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
TETRAHYDROFURAN	tetrahydrofuran	109999	Classified as 'suspected of causing cancer' (GHS H351).	
TETRAHYDROFURAN	tetrahydrofuran	109999	Classified as 'may cause drowsiness or dizziness' (GHS H336).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TETRAHYDROFURAN	tetrahydrofuran	109999	Possibly carcinogenic to humans' IARC (Category 2B, Volume 119 In prep.)	
TETRAHYDROFURAN	tetrahydrofuran	109999	Listed as an IARC Group 2B Carcinogen	
TETRAHYDROFURAN	TETRAHYDROFURAN	109999	California Proposition 65 listed for cancer	
TETRAHYDROFURFURYL ALCOHOL	TETRAHYDROFURFURYL ALCOHOL	97994	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TETRAHYDROFURFURYL METHACRYLATE	TETRAHYDROFURFURYL METHACRYLATE	2455245	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TETRAHYDROTHIOPHENE-1,1-DIOXIDE	Tetrahydrothiophene 1,1dioxide	126330	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TETRAHYDROTHIOPYRAN-3-CARBOXALDEHYDE	Tetrahydrothiopyran 3carboxaldehyde	61571060	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRAHYDROZOLINE HYDROCHLORIDE	Tetrahydrozoline (Tetryzoline (INN)) and its salts	84220;522485;33067946	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRAKIS(DIMETHYLDITETRADECYLAMMONIUM) HEXA-OXOTETRA-3-OXODI-5-OXOTETRADECAOXOCTAMOLYBDATE(4-)	tetrakis(dimethyliditetradecylammonium) hexa_oxotetra_3oxodi_5oxotetradecaooctamolybdate(4)	117342253	Classified as 'toxic if inhaled' (GHS H331).	
TETRAMETHRIN	Dtetramethrin; Reaction mass of (1,3dioxo1,3,4,5,6,7hexahydro2Hisoindol2yl)methyl (1R,3R)2,2dimethyl3(2methylprop1en1yl)cyclopropanecarboxylate and (1,3dioxo1,3,4,5,6,7hexahydro2Hisoindol2yl)methyl (1R,3S)2,2dimethyl3(2met	7696120	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRAMETHRIN	Tetramethrin	7696120	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TETRAMETHRIN	Tetramethrin	7696120	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TETRAMETHYL-2-HEXADECEN-1-OL	(2E,7R,11R)3,7,11,15tetramethylhexadec2en1ol; (2Z,7R,11R)3,7,11,15tetramethylhexadec2en1ol	150867;7541493	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRAMETHYLAMMONIUM HYDROGEN PHTHALATE	tetramethylammonium hydrogen phthalate	79723027	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TETRAMETHYLBUTYLPHENOL	Phenol, (1,1,3,3tetramethylbutyl) = Octylphenol	27193288	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
TETRAMETHYLENE DIACRYLATE	1,4butanediyl diacrylate	1070708	Classified as 'toxic in contact with skin' (GHS H311).	
TETRAMETHYLENE DIACRYLATE	1,4butanediyl diacrylate	1070708	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TETRAMETHYLTHIURAM MONOSULPHIDE	Thiuram monosulphides	97745	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRAPHOSPHORIC ACID, HEXAETHYL ESTER	Hexaethyl tetraphosphate	757584	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TETRAPHOSPHORIC ACID, HEXAETHYL ESTER	Hexaethyl tetraphosphate	757584	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TETRAPOTASSIUM PYROPHOSPHATE	Tetrapotassium Pyrophosphate	7320345	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
TETRASILOXANE, 1,1,3,3,5,5,7,7-OCTAMETHYL-	Tetrasiloxane, 1,1,3,3,5,5,7,7octamethyl	1000051	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
TETRASODIUM (C-(3-(1-(3-(E-6-DICHLORO-5-CYANOPYRIMIDIN-F-YL(METHYL)AMINO)PROPYL)-1,6-DIHYDRO-2-HYDROXY-4-METHYL-6-OXO-3-PYRIDYLAZO)-4-SULFONATOPHENYLSULFAMOYL)PHTHALOCYANINE-A,B,D-TRISULFONATO(6-))NICKELATO II, WHERE A IS 1 OR 2 OR 3 OR 4, B IS 8 OR 9 OR 1	Nickel Compounds	148732745	Listed on the 14th Report on Carcinogens as a known carcinogen	
TETRASODIUM EDTA	TETRASODIUM EDTA	64028	Non readily biodegradable chelating agent.	
TETRASODIUM ETIDRONATE	TETRASODIUM ETIDRONATE	3794830	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
TETRASODIUM PYROPHOSPHATE	SODIUM PYROPHOSPHATE	7722885	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
THALLIUM	Thallium and its compounds	7440280	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THALLIUM	Thallium and its compounds	7440280	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THEOBROMINE	Theobromine	83670	Classified as 'suspected of causing cancer' (GHS H351).	
THEOPHYLLINE	Theophylline	58559	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THEOPHYLLINE, 7-(2-HYDROXY-3-(N-(2-HYDROXYETHYL)-N-METHYLAMINO)PROPYL)-	7 [2Hydroxy3(N(2hydroxyethyl)Nmethylamino)propyl]theophylline; (Xanthinol)	2530974	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
THEOPHYLLINE, 7-(2-HYDROXY-3-(N-(2-HYDROXYETHYL)-N-METHYLAMINO)PROPYL)-	Xanthinol	2530974	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
Theophylline; 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione	Theophylline; 1,3-dimethyl-3,7-dihydro-1H-purine-2,6-dione	58-55-9	This ingredient is banned the European Union	X
Thiamethoxam	3-(2-chloro-thiazol-5-ylmethyl)-5-methyl[1,3,5]oxadiazinan-4-ylidene-N-nitroamine	153719-23-4	This ingredient is banned the European Union	X
THIAZOLE, 2-AMINO-5-NITRO-	5nitrothiazol2ylamine	121664	Classified as 'suspected of causing cancer' (GHS H351).	
THIAZOLE, 2-AMINO-5-NITRO-	5nitrothiazol2ylamine	121664	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
THIAZOLIDINE, 2,2-DIMETHYL-	2,2dimethylthiazolidine	19351189	Classified as 'toxic in contact with skin' (GHS H311).	
THIAZOLIDINE, 2,2-DIMETHYL-	2,2dimethylthiazolidine	19351189	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIMEROSAL	MERCURY AND ITS COMPOUNDS	7439976; 21908532; 62384; 94439; 102987; 6273990; 54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THIMEROSAL	thimerosal	54648	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THIOACETAMIDE	thioacetamide	62555	California Proposition 65 listed for cancer	
THIOACETAMIDE	thioacetamide	62555	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THIOACETAMIDE	thioacetamide	62555	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
THIOACETAMIDE	thioacetamide	62555	Possibly carcinogenic to humans' IARC (Category 2B, Volume 7, Sup 7 1987)	
THIOACETAMIDE	thioacetamide	62555	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
THIOCARBONYL CHLORIDE	thiocarbonyl chloride	463718	Classified as 'toxic if inhaled' (GHS H331).	
THIOCYANIC ACID, COMPD. WITH GUANIDINE (1:1)	Guanidinium thiocyanate	593840	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIODIGLYCOLIC ACID	Thiodi(acetic acid)	123933	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIOGLYCERIN	3mercaptopropane1,2diol	96275	Classified as 'toxic in contact with skin' (GHS H311).	
THIOGLYCERIN	3mercaptopropane1,2diol	96275	Classified as 'toxic if inhaled' (GHS H331).	
THIOLACTIC ACID	2MERCAPTOPROPIONIC ACID	79425	Classified as 'toxic in contact with skin' (GHS H311).	
THIOLACTIC ACID	2MERCAPTOPROPIONIC ACID	79425	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIOLACTIC ACID	2MERCAPTOPROPIONIC ACID	79425	Classified as 'fatal if inhaled' (GHS H330).	
THIONYL DICHLORIDE	thionyl dichloride	77190907	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIONYL DICHLORIDE	thionyl dichloride	77190907	Classified as 'fatal if inhaled' (GHS H330).	
THIONYL DICHLORIDE	thionyl dichloride	77190907	Classified as 'toxic if inhaled' (GHS H331).	
THIOPHANATE-METHYL	Thiophanate methyl	23564058	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THIOPHANATE-METHYL	Thiophanate methyl	23564058	California Proposition 65 listed for female, male	
THIOPHENE	Thiophene	110021	Classified as 'toxic if inhaled' (GHS H331).	
THIOPHOSPHORYL CHLORIDE	Thiophosphoryl trichloride	3982910	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
THIOPHOSPHORYL CHLORIDE	Thiophosphoryl trichloride	3982910	Classified as 'fatal if inhaled' (GHS H330).	
THIOUREA	Thiourea	62566	California Proposition 65 listed for cancer	
THIOUREA	Thiourea	62566	EWG F scoring ingredient under any condition of use.	
THIOUREA	Thiourea	62566	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
THIOUREA	THIOUREA AND ITS DERIVATIVES	62566	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THIOUREA	Thiourea and its derivatives, with the exception of the one listed in Annex III	62566	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THIOUREA	Thiourea	62566	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
THIOXANTHENE-DELTA(SUP 9),GAMMA-PROPYLAMINE, 2-CHLORO-N,N-DIMETHYL-, (Z)-	Chlorprothixene (INN) and its salts	113597	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THIOXANTHENE-DELTA(SUP 9),GAMMA-PROPYLAMINE, 2-CHLORO-N,N-DIMETHYL-, (Z)-	Chlorprothixene and its salts	113597	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THIRAM	Disulfiram (INN); thiram (ISO) (INN)	97778; 137268	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
THIRAM	Thiram	137268	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
THIRAM	Thiram	137268	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
THIRAM	Thiuram	137268	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
THORIUM	Thorium232 and its decay products	7440291	Carcinogenic to humans' IARC (Category 1, Volume 78, 100D 2012)	
THORIUM OXIDE	Thorium dioxide	1314201	California Proposition 65 listed for cancer	
THORIUM OXIDE	Thorium Dioxide (See Ionizing Radiation)	1314201	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
THORIUM OXIDE	Thorium dioxide	1314201	Listed on the 14th Report on Carcinogens as a known carcinogen	
THYMIDINE, 3'-AZIDO-3'-DEOXY-	Zidovudine (AZT)	30516871	California Proposition 65 listed for cancer	
THYMIDINE, 3'-AZIDO-3'-DEOXY-	Zidovudine (AZT)	30516871	Possibly carcinogenic to humans' IARC (Category 2B, Volume 76 2000)	
THYMUS ZYGIS HERB EXTRACT	Thyme, Thymus zygis, ext.	85085752	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TIN, BIS(HYDROGEN MALEATO)DIOCTYL-, BIS(2-ETHYLHEXYL) ESTER	2ethylhexyl 14ethyl6,6dioctyl4,8,11trioxo5,7,12trioxo6stannaoctadeca2,9dienoate	10039335	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TIN, BIS(MERCAPTO)DIOCTYL-, BIS(DODECYL) ESTER	Bis(dodecylthio)dioctylstannane	22205307	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TIN(II) METHANESULPHONATE	Tin(II) bis(methanesulfonate)	53408949	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TIN(IV) CHLORIDE, PENTAHYDRATE (1:4:5)	tin tetrachloride	7646788; 10026069	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TITANIC ACID, LEAD SALT	Lead titanium trioxide	12060003	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TITANIC ACID, LEAD SALT	Lead titanium trioxide	12060003	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TITANIC ACID, TETRABUTYL ESTER	Titanium tetrabutanolate	5593704	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
TITANIUM CHLORIDE	Titanium trichloride	77050709	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TITANIUM CHLORIDE	Titanium trichloride	77050709	Classified as 'fatal if inhaled' (GHS H330).	
TITANIUM TETRACHLORIDE	titanium tetrachloride	7550450	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TITANIUM TETRACHLORIDE	titanium tetrachloride	7550450	Classified as 'fatal if inhaled' (GHS H330).	
TITANIUM, DICHLORO-DI-PI-CYCLOPENTADIENYL-	Dichlorobis(_cyclopentadienyl)titanium	1271198	Classified as 'suspected of causing genetic defects' (GHS H341).	
TITANIUM, DICHLORO-DI-PI-CYCLOPENTADIENYL-	Dichlorobis(_cyclopentadienyl)titanium	1271198	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TOLNAFTATE	Tolnaftate	2398961	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
tolpyralate	(RS)-1-[1-ethyl-4-[4-mesyl-3-(2-methoxyethoxy)-o-toluoyl]pyrazol-5-yloxy]ethyl methyl carbonate	1101132-67-5	This ingredient is banned the European Union	X
TOLUENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108883	Classified as 'may cause genetic defects' (GHS H340).	
TOLUENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108883	Classified as 'may cause cancer' (GHS H350).	
TOLUENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108883	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108883	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE	1,2xylene; 1methylnaphthalene; 1Hindene; 2,3dihydro1Hindene; 2,3dimethylphenol; 2methylphenol; benzene; naphthalene; phenol; toluene	108883	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TOLUENE	toluene	108883	California Proposition 65 listed for developmental	
TOLUENE	toluene	108883	Prohibited by the International Fragrance Association for use in fragrance.	
TOLUENE	toluene	108883	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
TOLUENE	Toluene [Click here for the basis for the removal of female reproductive endpoint effective March 7, 2014]	108883	California Proposition 65 listed for female	
TOLUENE SULFONIC ACID	Toluene4sulphonic acid	104154; 6192525	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TOLUENE-2,3-DIAMINE	Toluene2,3diamine	2687254	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENE-2,3-DIAMINE	Toluene2,3diamine	2687254	Classified as 'may cause cancer' (GHS H350).	
TOLUENE-2,3-DIAMINE	Toluene2,3diamine	2687254	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENE-2,4-DIAMINE	2,4Diaminotoluene	95807	California Proposition 65 listed for cancer	
TOLUENE-2,4-DIAMINE	2,4Diaminotoluene	95807	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
TOLUENE-2,4-DIAMINE	2,4Diaminotoluene	95807	Possibly carcinogenic to humans' IARC (Category 2B, Volume 16, Sup 7 1987)	
TOLUENE-2,4-DIAMINE	4 Methylmphenylenediamine (Toluene2,4diamine) and its salts	95807	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE-2,4-DIAMINE	4Methylmphenylenediamine	95807	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENE-2,4-DIAMINE	4Methylmphenylenediamine	95807	Classified as 'may cause cancer' (GHS H350).	
TOLUENE-2,4-DIAMINE	4Methylmphenylenediamine and its salts	95807	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TOLUENE-2,4-DIAMINE	Diaminotoluene[1]; [4 methylphenylene diamine][2]; [2methylphenylene diamine][3]	25376458; 95807; 823405	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE-2,4-DIAMINE	2,4Diaminotoluene	95807	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
TOLUENE-2,4-DIAMINE, N(SUP 4),N(SUP 4)-DIETHYL-3,5-DINITRO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TOLUENE-2,6-DIAMINE	2 Methylphenylenediamine (Toluene2,6diamine)	823405	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE-2,6-DIAMINE	2methylphenylenediamine	823405	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TOLUENE-2,6-DIAMINE	2methylphenylenediamine	823405	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENE-2,6-DIAMINE	Diaminotoluene[1]; [4 methylphenylene diamine][2]; [2methylphenylene diamine][3]	25376458; 95807; 823405	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE-3,4-DIAMINE	4methylphenylenediamine	496720	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENE-3,4-DIAMINE	4methylphenylenediamine	496720	Classified as 'may cause cancer' (GHS H350).	
TOLUENE-3,4-DIAMINE	4methylphenylenediamine	496720	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENE-3,4-DIAMINE	Toluene 3,4diamine and its salts, when used as a substance in hair dye products	496720	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE, 2-CHLORO-4-NITRO-	2chloro4nitrotoluene	121868	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE, 2-CHLORO-4-NITRO-	2chloro4nitrotoluene	121868	Classified as 'fatal if inhaled' (GHS H330).	
TOLUENE, 2-CHLORO-6-NITRO-	2chloro6nitrotoluene	83421	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE, 2-CHLORO-6-NITRO-	2chloro6nitrotoluene	83421	Classified as 'fatal if inhaled' (GHS H330).	
TOLUENE, 4-CHLORO-3-NITRO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	4chloro__trifluoro3nitrotoluene	121175	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TOLUENE, 4-CHLORO-3,5-DINITRO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	4chloro3,5dinitro__trifluorotoluene	393759	Classified as 'fatal in contact with skin' (GHS H310).	
TOLUENE, 4-CHLORO-3,5-DINITRO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	4chloro3,5dinitro__trifluorotoluene	393759	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE, ALPHA-CHLORO-	_chlorotoluene	100447	Classified as 'may cause cancer' (GHS H350).	
TOLUENE, ALPHA-CHLORO-	_chlorotoluene	100447	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, ALPHA-CHLORO-	alpha Chlorotoluene (Benzyl chloride)	100447	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE, ALPHA-CHLORO-	alphaChlorinated toluenes (benzal chloride, benzotrichloride, benzyl chloride) and benzoyl chloride (combined exposures)	100447	Probably carcinogenic to humans' IARC (Category 2A, Volume 29, Sup 7, 71 1999)	
TOLUENE, ALPHA-CHLORO-	Benzyl chloride	100447	California Proposition 65 listed for cancer	
TOLUENE, ALPHA-CHLORO-	Benzyl chloride	100447	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TOLUENE, ALPHA-CHLORO-	Benzyl chloride	100447	EPA IRIS 'probable carcinogen'.	
TOLUENE, ALPHA-CHLORO-	chloromethylbenzene; Reaction mass of 2chlorotoluene and 3chlorotoluene and 4chlorotoluene	100447	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	__trichlorotoluene	98077	Classified as 'may cause cancer' (GHS H350).	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	__trichlorotoluene	98077	Classified as 'fatal if inhaled' (GHS H330).	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	__trichlorotoluene	98077	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	alphaChlorinated toluenes (benzal chloride, benzotrichloride, benzyl chloride) and benzoyl chloride (combined exposures)	98077	Probably carcinogenic to humans' IARC (Category 2A, Volume 29, Sup 7, 71 1999)	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	alpha,alpha,alpha Trichlorotoluene	98077	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	Benzotrichloride	98077	California Proposition 65 listed for cancer	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	Benzotrichloride	98077	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	Benzotrichloride	98077	EPA IRIS 'probable carcinogen'.	
TOLUENE, ALPHA,ALPHA,ALPHA-TRICHLORO-	Benzotrichloride	98077	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
TOLUENE, ALPHA,ALPHA,ALPHA,P-TETRACHLORO-	__4tetrachlorotoluene	5216251	Classified as 'may cause cancer' (GHS H350).	
TOLUENE, ALPHA,ALPHA,ALPHA,P-TETRACHLORO-	p Chlorobenzotrichloride	5216251	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE, ALPHA,ALPHA,ALPHA,P-TETRACHLORO-	pa,aTetrachlorotoluene	5216251	California Proposition 65 listed for cancer	
TOLUENE, AR-CHLORO-	_chlorotoluene	100447	Classified as 'may cause cancer' (GHS H350).	
TOLUENE, AR-CHLORO-	_chlorotoluene	100447	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, DINITRO-	2,4 Dinitrotoluene [1]; Dinitrotoluene [2], technical grade	121142; 25321146	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENE, DINITRO-	Dinitrotoluene	25321146	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENE, DINITRO-	Dinitrotoluene	25321146	Classified as 'may cause cancer' (GHS H350).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TOLUENE, DINITRO-	Dinitrotoluene	25321146	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE, DINITRO-	Dinitrotoluene	25321146	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, DINITRO-	Dinitrotoluene	25321146	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TOLUENE, M-NITRO-	3Nitrotoluene	99081	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENE, M-NITRO-	3Nitrotoluene	99081	Classified as 'fatal if inhaled' (GHS H330).	
TOLUENE, M-NITRO-	3Nitrotoluene	99081	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, O-CHLORO-	2Chlorotoluene	95498	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENE, P-CHLORO-	4Chlorotoluene	106434	Classified as 'toxic if inhaled' (GHS H331).	
TOLUENE, P-CHLORO-ALPHA,ALPHA,ALPHA-TRIFLUORO-	4Chlorobenzotrifluoride	98566	Listed as an IARC Group 2B Carcinogen	
TOLUENEDIAMINE	Diaminotoluene	25376458	Classified as 'suspected of causing genetic defects' (GHS H341).	
TOLUENEDIAMINE	Diaminotoluene	25376458	Classified as 'may cause cancer' (GHS H350).	
TOLUENEDIAMINE	Diaminotoluene	25376458	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TOLUENEDIAMINE	Diaminotoluene	25376458	Classified as 'toxic in contact with skin' (GHS H311).	
TOLUENEDIAMINE	Diaminotoluene[1]; [4 methylphenylene diamine][2]; [2methylphenylene diamine][3]	25376458; 95807; 823405	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOLUENEDIAMINE SULFATE, P-	2methylpphenylenediamine sulfate	615509; 6369591	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
Tolytriazole	Tolytriazole	29385431	According to the European Detergent Ingredient Database benzotriazole is persistent and toxic to aquatic life.	
TONALIDE	1(5,6,7,8tetrahydro3,5,5,6,8,8hexamethyl2naphthyl)ethan1one	1506021	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TONALIDE	TONALIDE	506021	Synthetic musk fragrances contaminate the environment and are detected in humans.	
TOXAPHENE	Toxaphene	8001352	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TOXAPHENE	Toxaphene	8001352	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
TOXAPHENE	Toxaphene	8001352	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
TOXAPHENE	Toxaphene	8001352	EPA IRIS 'probable carcinogen'.	
TOXAPHENE	Toxaphene (Polychlorinated camphenes)	8001352	California Proposition 65 listed for cancer	
TOXAPHENE	Toxaphene (Polychlorinated camphenes)	8001352	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
TOXAPHENE	Toxaphene = Camphchlor	8001352	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
TOXAPHENE	Toxaphene	8001352	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
trans-2-HEXENAL	TRANS2HEXENAL	6728263	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in household cleaning products.	
trans-2-HEXENAL	transhex2enal	6728263	Classified as 'toxic in contact with skin' (GHS H311).	
trans-2-METHYLPENT-2-ENOIC ACID	(E)2methylpent2en1oic acid	3142721; 16957703	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
trans-2,4-DIMETHYL-2-(5,6,7,8-TETRAHYDRO-5,5,8,8-TETRAMETHYL-2-NAPHTHALENYL)-1,3-DIOXOLANE	A mixture of: trans 2,4dimethyl2(5,6,7,8tetrahydro5,5,8,8tetramethylnaphthalene2yl)1,3dioxolane; cis 2,4dimethyl2(5,6,7,8tetrahydro5,5,8,8tetramethylnaphthalene2yl)1,3dioxolane	131812516; 131812527; 131812674	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRANS-4-CYCLOHEXYL-L-PROLINE MONOHYDROCHLORIDE	trans 4cyclohexylproline monohydrochloride	90657559	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRANS-4-PHENYL-L-PROLINE	trans 4Phenylproline	96314260	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
trans-ROSE KETONE-3	[1_(E),2_1(2,6,6trimethylcyclohex3en1yl)but2en1one	71048823	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
trans,trans-2,4-DECADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
TREEMOSS CONCRETE	Treemoss Extracts	90028674; 68648419; 68917408	EU cosmetics ban	
Tri ethanol amine quat (TEAQ)	Tri Ethanol Amine Quat (teaq)		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
Tri ethanol amine quat (TEAQ)	Tri Ethanol Amine Quat (teaq)		Ethanolamines can cause asthma, and contain harmful impurities	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Tri ethanol amine quat (TEAQ)	Tri Ethanol Amine Quat (teaq)		EWG Verified doesn't allow products to use nonspecific ingredient names.	
TRIADIMEFON	Triadimefon	43121433	California Proposition 65 listed for developmental, female, male	
TRIALLYLAMINE	Triallylamine	102705	Classified as 'toxic in contact with skin' (GHS H311).	
TRIALLYLAMINE	Triallylamine	102705	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRIALLYLAMINE	Triallylamine	102705	Classified as 'toxic if inhaled' (GHS H331).	
TRIAZENE, 1,3-DIPHENYL-	Diazoaminobenzene	136356	California Proposition 65 listed for cancer	
TRIAZENE, 1,3-DIPHENYL-	Diazoaminobenzene	136356	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
TRIAZENE, 1,3-DIPHENYL-	Diazoaminobenzene	136356	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
TRIBROMSALAN	3,4',5 Tribromosalicylanilide (Tribromsalan (INN))	87105	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIBROMSALAN	Benzamide, 3,5-dibromoN(4-bromophenyl)2hydroxy	87105	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
TRIBROMSALAN	tribromsalan	87105	FDA Banned ingredients in cosmetics.	
TRIBUTYLAMINE	Tributylamine	102829	Classified as 'fatal in contact with skin' (GHS H310).	
TRIBUTYLAMINE	Tributylamine	102829	Classified as 'toxic in contact with skin' (GHS H311).	
TRIBUTYLAMINE	Tributylamine	102829	Classified as 'fatal if inhaled' (GHS H330).	
TRICETYLMETHYLAMMONIUM CHLORIDE	Tricetylmethylammonium Chloride	52467637	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
TRICETYLMONIUM CHLORIDE	TRICETYLMONIUM CHLORIDE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	California Proposition 65 listed for cancer	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	EPA IRIS 'suggestive evidence of carcinogenic potential'.	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	Possibly carcinogenic to humans' IARC (Category 2B, Volume 63, 84, 106 2014)	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	Listed as an IARC Group 2B Carcinogen	
TRICHLOROACETIC ACID	Trichloroacetic acid	76039	California Prop65 Chemical (cancer)	
TRICHLOROETHANE	TRICHLOROETHANE	71556	Probably carcinogenic to humans' IARC (Category 2A, Volume 130, 2022)	
TRICHLOROETHYLENE	Trichloroethylene	79016	California Proposition 65 listed for cancer	
TRICHLOROETHYLENE	Trichloroethylene	79016	California Proposition 65 listed for developmental, male	
TRICHLOROETHYLENE	Trichloroethylene	79016	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRICHLOROETHYLENE	Trichloroethylene	79016	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
TRICHLOROETHYLENE	Trichloroethylene	79016	EPA IRIS 'carcinogenic to humans'.	
TRICHLOROETHYLENE	Trichloroethylene	79016	Classified as 'suspected of causing genetic defects' (GHS H341).	
TRICHLOROETHYLENE	Trichloroethylene	79016	Classified as 'may cause cancer' (GHS H350).	
TRICHLOROETHYLENE	Trichloroethylene	79016	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
TRICHLOROETHYLENE	Trichloroethylene	79016	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 63, 106 2014)	
TRICHLOROETHYLENE	Trichloroethylene	79016	Listed as an IARC Group 1 Carcinogen	
TRICHLOROETHYLENE	Trichloroethylene	79016	California Prop65 Chemical (developmental, male)	
TRICHLOROETHYLENE	Trichloroethylene	79016	Listed on the 14th Report on Carcinogens as a known carcinogen	
TRICHLORONITROMETHANE	trichloronitromethane	76062	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TRICHLORONITROMETHANE	Trichloronitromethane (chloropicrine)	76062	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRICHLOROSILANE	trichlorosilane	10025782	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRICLOCARBAN	Triclocarban	101202	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	
TRICLOSAN	5chloro2(2,4dichlorohydroxy) phenol	3380345	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TRICLOSAN	Triclosan	3380345	Classified as 'very toxic to aquatic life with long lasting effect ' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TRICLOSAN	5chloro2(2,4dichlorohydroxy) phenol	3380345	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TRICRESYL PHOSPHATE	3methylphenyl bis(4methylphenyl) phosphate bis(3methylphenyl) 4methylphenyl phosphate tris(3methylphenyl) phosphate	1330785	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TRICRESYL PHOSPHATE	3methylphenyl bis(4methylphenyl) phosphate bis(3methylphenyl) 4methylphenyl phosphate tris(3methylphenyl) phosphate	1330785	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRICRESYL PHOSPHATE	Tricresyl phosphate	1330785	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TRICRESYL PHOSPHATE	tritoyl phosphate	1330785	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIDECYL ALCOHOL	Tridecanol	112709	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRIDEMORPH	Tridemorph	24602866	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIETHANOLAMINE	Triethanolamine	102716	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TRIETHANOLAMINE	Triethanolamine	102716	Ethanolamines can cause asthma, and contain harmful impurities	
TRIETHANOLAMINE	Triethanolamine	102716	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TRIETHANOLAMINE	Tea	102716	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
triethanolamine lauryl ester sulfonate	triethanolamine lauryl ester sulfonate		Ethanolamines can cause asthma, and contain harmful impurities	
triethanolamine oleoyl ester sulfonate	triethanolamine oleoyl ester sulfonate		Ethanolamines can cause asthma, and contain harmful impurities	
TRIETHYL ARSENATE	triethyl arsenate	15606958	Classified as 'may cause cancer' (GHS H350).	
TRIETHYL ARSENATE	triethyl arsenate	15606958	Classified as 'toxic if inhaled' (GHS H331).	
TRIETHYL ARSENATE	triethyl arsenate	15606958	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRIETHYL PHOSPHATE TRIETHYL PHOSPHATE	triethyl phosphate	78400	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
TRIETHYLAMINE	triethylamine	121448	Classified as 'toxic in contact with skin' (GHS H311).	
TRIETHYLAMINE	triethylamine	121448	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRIETHYLAMINE	triethylamine	121448	Classified as 'toxic if inhaled' (GHS H331).	
TRIETHYLAMINE, 2-(P-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1)	Clomiphene citrate	50419	California Proposition 65 listed for cancer	
TRIETHYLAMINE, 2-(P-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1)	Clomiphene citrate	50419	California Proposition 65 listed for developmental	
TRIETHYLAMINE, 2-(P-(2-CHLORO-1,2-DIPHENYLVINYL)PHENOXY)-, CITRATE (1:1)	Clomiphene citrate	50419	California Prop65 Chemical (cancer)	
TRIETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethyldiethylammonium chloride	869249	Classified as 'suspected of causing genetic defects' (GHS H341).	
TRIETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethyldiethylammonium chloride	869249	Classified as 'fatal in contact with skin' (GHS H310).	
TRIETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethyldiethylammonium chloride	869249	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRIETHYLAMINE, 2-CHLORO-, HYDROCHLORIDE	2chloroethyldiethylammonium chloride	869249	Classified as 'fatal if inhaled' (GHS H330).	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-	Trichlormethine (INN) and its salts	555771; 817094; 6138325	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-, HYDROCHLORIDE	Trichlormethine (INN) and its salts	555771; 817094; 6138325	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-, HYDROCHLORIDE	Trichlormethine (Trimustine hydrochloride)	817094	California Proposition 65 listed for cancer	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-, HYDROCHLORIDE	Trichlormethine (Trimustine hydrochloride)	817094	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 50 1990)	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-, HYDROCHLORIDE	Trichlormethine and its salts	817094	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
TRIETHYLAMINE, 2,2',2''-TRICHLORO-, PICRATE	Trichlormethine (INN) and its salts	555771; 817094; 6138325	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIETHYLAMINE, HYDROCHLORIDE	Triethylammonium chloride	554687	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRIETHYLENE GLYCOL MONOBUTYL ETHER	triethylene glycol monobutyl ether	143226	Ethylene glycol ethers have been linked to reproductive toxicity and are hazardous air pollutants.	
TRIETHYLHEXYL TRIMELLITATE	Tris(2ethylhexyl) benzene1,2,4tricarboxylate	3319311	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TRIFLUOROACETIC ACID	2,2dichloro2fluoroacetic acid; 2chloro2,2difluoroacetic acid; trifluoroacetic acid	76051	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRIFLUOROACETYL TRIPEPTIDE-2	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TRIFLUOROETHYLMETHACRYLATE/HYDROXYPROPYL DIMETHICONYLPROPYL ACRYLATES COPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLUOROIODOMETHANE	trifluoroiodomethane	2314978	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRIFLUOROIODOMETHANE	trifluoroiodomethane	2314978	Classified as 'suspected of causing genetic defects' (GHS H341).	
TRIFLUOROMETHYL C1-4 ALKYL DIMETHICONE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLUOROPROPYL DIMETHICONE/PEG-10 CROSSPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLUOROPROPYL DIMETHICONE/TRIFLUOROPROPYL DIVINYLDIMETHICONE CROSSPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLUOROPROPYL DIMETHICONE/VINYL TRIFLUOROPROPYL DIMETHICONE/SILSESQUIOXANE CROSSPOLYMER	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLUOROPROPYLDIMETHYL/TRIMETHYLSILOXYSILICATE	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIFLURALIN (CONTAINING < 0.5 PPM NPDA)	Trifluralin	1582098	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
TRIFLURALIN (CONTAINING < 0.5 PPM NPDA)	Trifluralin	1582098	Persistent Bioaccumulative Toxic (PBT) chemicals covered by the EPA Toxic Release Inventory.	
TRIFLURALIN (CONTAINING < 0.5 PPM NPDA)	Trifluralin	1582098	EPA IRIS 'possible carcinogen'.	
TRIFLURALIN (CONTAINING < 0.5 PPM NPDA)	Per- and Polyfluoroalkyl Substances (PFAS)		EWG prohibits per- and polyfluoroalkyl substances (PFAS) in VERIFIED products because PFAS persist in the environment and are toxic to human health.	
TRIGONELLINE	previous identifier no longer suitable; Trigonelline	535831	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRILAURYLAMINE	TRIDODECYLAMINE	102874	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TRIMELLITIC ANHYDRIDE	benzene1,2,4tricarboxylic acid 1,2anhydride	552307	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
TRIMELLITIC ANHYDRIDE	Trimellitic Anhydride	552307	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TRIMELLITIC ANHYDRIDE	Trimellitic Anhydride	552307	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TRIMETHOXYCAPRYLSILANE	Trimethoxyoctylsilane	3069407	Classified as 'toxic if inhaled' (GHS H331).	
TRIMETHYL BORATE	trimethyl borate	121437	Classified as 'may damage fertility or the unborn child' (GHS H360).	
TRIMETHYL BORATE	trimethyl borate	121437	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TRIMETHYLENEDIAMINETETRAACETIC ACID	N,N'propylene1,3diylbis[N(hydroxycarbonylmethyl)glycine]	1939362	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
TRIMETHYLOLPROPANE TRIACRYLATE	TRIMETHYLOLPROPANE TRIACRYLATE	15625895	California Proposition 65 listed for cancer	
TRIMETHYLUDECENAL	2,6,10trimethylundecenal	141139	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRIPHENYL PHOSPHATE	Triphenyl phosphate	115866	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment. This ingredient also has endocrine disrupting properties.	
TRIPHENYL PHOSPHATE	Triphenyl phosphate	115866	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRIPHENYL PHOSPHITE	triphenyl phosphite	101020	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRIS(ISOPROPENYLOXY)PHENYL SILANE	tris(isopropenyloxy)phenyl silane	52301185	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRISILOXANE	Octamethyltrisiloxane	107517	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRISODIUM [4'-(8-ACETYLAMINO-3,6-DISULFONATO-2-NAPHTHYLAZO)-4''-(6-BENZOYLAMINO-3-SULFONATO-2-NAPHTHYLAZO)-BIPHENYL-1,3',3'',1'''-TETRAOLATO-O,O',O'',O''']COPPER(II)	Trisodium [4' (8acetylamino3,6disulfonato2naphthylazo)4''(6benzoylamino3sulfonato2naphthylazo)biphenyl1,3',3'',1'''tetraolatoO,O',O'',O''']copper(II)	164058224	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
TRISODIUM HEDTA	Trisodium 2(carboxylatomethyl(2hydroxyethyl)amino)ethyliminodi(acetate)	139899	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TRISODIUM HEDTA	TRISODIUM HEDTA	139899	Non readily biodegradable chelating agent.	
TRISODIUM HEXAFLUOROALUMINATE	trisodium hexafluoroaluminate	13775536; 15096523	Classified as 'may cause harm to breastfed children' (GHS H362).	
TRISODIUM NTA	trisodium nitrilotriacetate	5064313	Classified as 'suspected of causing cancer' (GHS H351).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
TRISODIUM NTA	Trisodium Nta	5064313	EWG F scoring ingredient under any condition of use.	
TRISODIUM PHOSPHATE	Trisodium orthophosphate	7601549; 10101890; 56802994	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRISODIUM PHOSPHATE	Trisodium phosphate	7601549	Phosphates and phosphorous can increase eutrophication and are damaging to the aquatic environment.	
Triticonazole	(RS)-(E)-5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-methyl)cyclopentanol	138182-18-0	This ingredient is banned the European Union	X
TROCLOSENE SODIUM, DIHYDRATE	Troclosene sodium	2893789; 51580860	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TROCLOSENE SODIUM, DIHYDRATE	Troclosene sodium	2893789; 51580860	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
TROCLOSENE SODIUM, DIHYDRATE	troclosene sodium, dihydrate	51580860	EWG F scoring ingredient under any condition of use.	
TROCLOSENE SODIUM, DIHYDRATE	troclosene sodium, dihydrate	51580860	EWG Verified restricts halogenated organic ingredients in cleaners due to human health concerns and persistence in the environment.	
TROMETHAMINE	(1R)1phenylethan1amine; 2amino2(hydroxymethyl)propane1,3diol; methanesulfonic acid	77861	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TRYPsin	trypsin	90020707	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
TRYPsin	trypsin	9002077	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TUNGSTEN CARBIDE	Cobalt metal with tungsten carbide	12070121	Probably carcinogenic to humans' IARC (Category 2A, Volume 86 2006)	
TUNGSTEN CARBIDE	Tungsten Carbide	12070121	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TUNGSTEN CARBIDE	Tungsten carbide with cobalt metal (see Cobalt metal with tungsten carbide)	12070121	Possibly carcinogenic to humans' IARC (Category 2B, Volume 86 2006)	
TUNGSTEN CARBIDE	Tungsten Carbide	12070121	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TUNGSTEN CHLORIDE, (OC-6-11)-	Tungsten hexachloride	13283017	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TUNGSTEN FLUORIDE	Tungsten hexafluoride	7783826	Classified as 'toxic in contact with skin' (GHS H311).	
TUNGSTEN FLUORIDE	Tungsten hexafluoride	7783826	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
TUNGSTEN FLUORIDE	Tungsten hexafluoride	7783826	Classified as 'fatal if inhaled' (GHS H330).	
TUNGSTEN OXIDE	Tungsten oxide	39318188	Classified as 'suspected of causing cancer' (GHS H351).	
TURPENTINE OIL	Turpentine	8006642	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TURPENTINE OIL	Turpentine	8006642	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TYLOSIN, TARTRATE	Tylosin Tartrate	1405545	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
TYLOSIN, TARTRATE	Tylosin Tartrate	1405545	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
TYROTHRINICIN	Thyrothricine	1404882	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
ULTRAMARINE (SYNTHETIC)	ULTRAMARINE (SYNTHETIC)	1302836	Non FDA approved colorant.	
ULTRAMARINES	ULTRAMARINES	1317971	Non FDA approved colorant.	
UNDECADIENAL	2,4Dienals	764409; 142836; 80466348; 5910850; 30361285; 6750034; 2363884; 13162464; 21662168; 25152845; 30361296; 4313035	Prohibited by the International Fragrance Association for use in fragrance.	
UNDECANE	3,7dimethylnonane; 4methyldecane; decane; nonane; undecane	1120214	Classified as 'may cause drowsiness or dizziness' (GHS H336).	
UNDECYL ALCOHOL	2butylheptan1ol; 2ethylnonan1ol; 2methyldecan1ol; 2propyloctan1ol; undecan1ol	128973773	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
UNDECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylundecylamine	68107266	California Proposition 65 listed for cancer	
UNDECYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylundecylamine	68107266	California Prop65 Chemical (cancer)	
UNDECYLENAMIDOPROPYLTRIMONIUM METHOSULFATE	UNDECYLENAMIDOPROPYLTRIMONIUM METHOSULFATE	94313914	Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
URACIL, 2-THIO-	Thiouracil	141902	California Proposition 65 listed for cancer	
URACIL, 2-THIO-	Thiouracil	141902	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
URACIL, 3-TERT-BUTYL-5-CHLORO-6-METHYL-	Terbacil	5902512	California Proposition 65 listed for developmental	
URACIL, 5-(BIS(2-CHLOROETHYL)AMINO)-	Uracil mustard	66751	California Proposition 65 listed for cancer	
URACIL, 5-(BIS(2-CHLOROETHYL)AMINO)-	Uracil mustard	66751	California Proposition 65 listed for developmental, female, male	
URACIL, 5-(BIS(2-CHLOROETHYL)AMINO)-	Uracil mustard	66751	Possibly carcinogenic to humans' IARC (Category 2B, Volume 9, Sup 7 1987)	
URACIL, 5-BROMO-3-SEC-BUTYL-6-METHYL-	Bromacil	314409	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
URACIL, 5-FLUORO-	Fluorouracil	51218	California Proposition 65 listed for developmental	
URACIL, 5-FLUORO-	Fluorouracil	51218	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
URACIL, 5-FLUORO-	Fluorouracil (INN)	51218	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
URACIL, 6-METHYL-2-THIO-	Methylthiouracil	56042	California Proposition 65 listed for cancer	
URACIL, 6-METHYL-2-THIO-	Methylthiouracil	56042	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
URACIL, 6-PROPYL-2-THIO-	Propylthiouracil	51525	California Proposition 65 listed for developmental	
URACIL, 6-PROPYL-2-THIO-	Propylthiouracil	51525	California Proposition 65 listed for cancer	
URACIL, 6-PROPYL-2-THIO-	Propylthiouracil	51525	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
URACIL, 6-PROPYL-2-THIO-	Propylthiouracil	51525	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 79 2001)	
URACIL, 6-PROPYL-2-THIO-	Propylthiouracil	51525	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UREA, (2-BROMO-3-METHYLBUTYRYL)-	Bromisoval	496673	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, (2-BROMO-3-METHYLBUTYRYL)-	Bromisoval (INN)	496673	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, (2-BROMO-ETHYLBUTYRYL)-	Carbromal	77656	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, (2-BROMO-ETHYLBUTYRYL)-	Carbromal (INN)	77656	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, (2-ISOPROPYL-4-PENTENOYL)-	(2 Isopropylpent4enoyl)urea (apronalide)	528927	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, (2-ISOPROPYL-4-PENTENOYL)-	Apronalide	528927	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, (2-PHENYLBUTYRYL)-	Ethylphenacemide	90493	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, (2-PHENYLBUTYRYL)-	Ethylphenacemide (pheneturide (INN))	90493	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, (PHENYLACETYL)-	Phenacemide	63989	California Proposition 65 listed for developmental	
UREA, (PHENYLACETYL)-	Phenacemide	63989	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, (PHENYLACETYL)-	Phenacemide (INN)	63989	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, 1-((P-CHLOROPHENYL)SULFONYL)-3-PROPYL-	Chlorpropamide	94202	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, 1-((P-CHLOROPHENYL)SULFONYL)-3-PROPYL-	Chlorpropamide (INN)	94202	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, 1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1-NITROSO-	1(2Chloroethyl)3(4methylcyclohexyl)1nitrosoarea	13909096	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
UREA, 1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1-NITROSO-	1(2Chloroethyl)3(4methylcyclohexyl)1nitrosoarea (MethylCCNU)	13909096	California Proposition 65 listed for cancer	
UREA, 1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1-NITROSO-	Semustine [1(2Chloroethyl)3(4methylcyclohexyl)1nitrosoarea, MethylCCNU]	13909096	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 100A 2012)	
UREA, 1-(2-CHLOROETHYL)-3-(4-METHYLCYCLOHEXYL)-1-NITROSO-	1(2Chloroethyl)3(4methylcyclohexyl)1nitrosoarea	13909096	Listed on the 14th Report on Carcinogens as a known carcinogen	
UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-	1(2Chloroethyl)3cyclohexyl1nitrosoarea	13010474	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-	1(2Chloroethyl)3cyclohexyl1nitrosoarea (CCNU)	13010474	Probably carcinogenic to humans' IARC (Category 2A, Volume 26, Sup 7 1987)	
UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-	1(2Chloroethyl)3cyclohexyl1nitrosoarea (CCNU) (Lomustine)	13010474	California Proposition 65 listed for developmental	
UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-	1(2Chloroethyl)3cyclohexyl1nitrosoarea (CCNU) (Lomustine)	13010474	California Proposition 65 listed for cancer	
UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-	1(2Chloroethyl)3cyclohexyl1nitrosoarea	13010474	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UREA, 1-BUTYL-3-(P-TOLYLSULFONYL)-	Tolbutamide	64777	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, 1-BUTYL-3-(P-TOLYLSULFONYL)-	Tolbutamide (INN)	64777	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, 1-BUTYL-3-SULFANILYL-	Carbutamide	339435	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
UREA, 1-BUTYL-3-SULFANYL-	Carbutamide (INN)	339435	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, 1-CYCLOHEXYL-3-(P-TOLYLSULFONYL)-	Glycyclamide	664959	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
UREA, 1-CYCLOHEXYL-3-(P-TOLYLSULFONYL)-	Glycyclamide (INN)	664959	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UREA, 1-ETHYL-1-NITROSO-	<N/>Ethyl<N/>nitrosoourea	759739	Probably carcinogenic to humans' IARC (Category 2A, Volume 17, Sup 7 1987)	
UREA, 1-ETHYL-1-NITROSO-	NNitrosoNethylurea	759739	California Proposition 65 listed for cancer	
UREA, 1-ETHYL-1-NITROSO-	NNitrosoNethylurea (see NNitrosamines:15 listings)	759739	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
UREA, 1-ETHYL-1-NITROSO-	NNitrosoNethylurea	759739	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UREA, 1,1-DIMETHYL-3-(ALPHA,ALPHA,ALPHA-TRIFLUOROM-TOLYL)-	Fluometuron	2164172	Classified as 'suspected of causing cancer' (GHS H351).	
UREA, 1,1-DIMETHYL-3-(ALPHA,ALPHA,ALPHA-TRIFLUOROM-TOLYL)-	Fluometuron	2164172	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
UREA, 1,1-DIMETHYL-3-(ALPHA,ALPHA,ALPHA-TRIFLUOROM-TOLYL)-	Fluometuron	2164172	Classified as 'may cause harm to breastfed children' (GHS H362).	
UREA, 1,1-DIMETHYL-3-(ALPHA,ALPHA,ALPHA-TRIFLUOROM-TOLYL)-	Fluometuron	2164172	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
UREA, 1,1-DIMETHYL-3-PHENYL-	Fenuron	101428	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-	Bis(chloroethyl) Nitrosoourea (see Nitrosoourea Chemotherapeutic Agents)	154938	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-	Bischloroethyl nitrosoourea (BCNU)	154938	Probably carcinogenic to humans' IARC (Category 2A, Volume 26, Sup 7 1987)	
UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-	Bischloroethyl nitrosoourea (BCNU) (Carmustine)	154938	California Proposition 65 listed for developmental	
UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-	Bischloroethyl nitrosoourea (BCNU) (Carmustine)	154938	California Proposition 65 listed for cancer	
UREA, 1,3-BIS(2-CHLOROETHYL)-1-NITROSO-	Bis(chloroethyl) Nitrosoourea	154938	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UREA, 1,3-DIETHYL-2-THIO-	1,3diethyl2thiourea	105555	Classified as 'suspected of causing cancer' (GHS H351).	
UREA, 2-THIO-1,3,3-TRIBUTYL-	Tributyl2thiourea	2422880	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
UREA, HYDROXY-	Hydroxyurea	127071	California Proposition 65 listed for developmental	
UREA, N-(1-BENZO(B)THIEN-2-YLETHYL)-N-HYDROXY-	Zileuton	111406872	California Proposition 65 listed for cancer, developmental, female	
UREA, N-METHYL-N-NITROSO-	<N/>Methyl<N/>nitrosoourea	684935	Probably carcinogenic to humans' IARC (Category 2A, Volume 17, Sup 7 1987)	
UREA, N-METHYL-N-NITROSO-	NNitrosoNmethylurea	684935	California Proposition 65 listed for cancer	
UREA, N-METHYL-N-NITROSO-	NNitrosoNmethylurea (see NNitrosamines:15 listings)	684935	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
UREA, N-METHYL-N-NITROSO-	NNitrosoNmethylurea	684935	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UREA, PHOSPHATE	Urea phosphate	4861192	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
UREA, SULFATE (1:1)	Uronium hydrogen sulphate	21351393	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
UREA, TETRABUTYL-	Tetrabutylurea	4559868	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
URETHANE	Ethyl carbamate (Urethane)	51796	Probably carcinogenic to humans' IARC (Category 2A, Volume 7, Sup 7, 96 2010)	
URETHANE	Urethane	51796	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
URETHANE	Urethane (Ethyl carbamate)	51796	California Proposition 65 listed for developmental	
URETHANE	Urethane (Ethyl carbamate)	51796	California Proposition 65 listed for cancer	
URETHANE	Urethane (Ethyl carbamate)	51796	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
URETHANE	Urethane	51796	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
UROCANIC ACID	3 Imidazol4ylacrylic acid (Urocanic acid) and its ethyl ester	27538358; 104983	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
UROCANIC ACID	3Imidazol4ylacrylic acid and its ethyl ester	104983; 27538358	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
URSOLIC ACID	Urs12en28oic acid, 3hydroxy, (3β)	77521	Government of Canada classified as Persistence, bioaccumulation and inherent toxicity (PBIT).	
UVCB CONDENSATION PRODUCT OF: TETRAKIS-HYDROXYMETHYLPHOSPHONIUM CHLORIDE, UREA AND DISTILLED HYDROGENATED C16-18 TALLOW ALKYLAMINE	UVCB condensation product of: tetrakis hydroxymethylphosphonium chloride, urea and distilled hydrogenated C1618 tallow alkylamine	166242531	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	



Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
VALERAMIDE, 2-ETHYL-3-METHYL-	Valnoctamide	4171135	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
VALERAMIDE, 2-ETHYL-3-METHYL-	Valnoctamide (INN)	4171135	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
VALERIC ACID	valeric acid	109524	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
VALERIC ACID, 2-PROPYL-	2propylvaleric acid	99661	Classified as 'may damage fertility or the unborn child' (GHS H360).	
VALERIC ACID, 2-PROPYL-	Valproate (Valproic acid)	99661	California Proposition 65 listed for developmental	
VALERIC ACID, 2-PROPYL-, SODIUM SALT	Sodium valproate	1069665	Classified as 'may damage fertility or the unborn child' (GHS H360).	
VALERIC ACID, 2,2-DIMETHYL-5-(2,5-XYLYLOXY)-	Gemfibrozil	25812300	California Proposition 65 listed for cancer	
VALERIC ACID, 2,2-DIMETHYL-5-(2,5-XYLYLOXY)-	Gemfibrozil	25812300	California Proposition 65 listed for female, male	
VALERIC ACID, 2,2-DIMETHYL-5-(2,5-XYLYLOXY)-	Gemfibrozil	25812300	Classified as 'suspected of causing cancer' (GHS H351).	
VALERIC ACID, 2,2-DIMETHYL-5-(2,5-XYLYLOXY)-	Gemfibrozil	25812300	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
VALERONITRILE	Valeronitrile	110598	Classified as 'toxic in contact with skin' (GHS H311).	
VALERONITRILE	Valeronitrile	110598	Classified as 'fatal if inhaled' (GHS H330).	
VALERONITRILE, 4-METHYL-	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	542541	California Prop65 Chemical (male)	
VALERYL CHLORIDE, 5-CHLORO-	5chlorovaleryl chloride	1575617	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
VALINAMIDE	valinamide	20108785	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
VALINE, 3-MERCAPTO-, D-	Penicillamine	52675	California Proposition 65 listed for developmental	
VALINE, 3-MERCAPTO-, D-	Penicillamine	52675	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
VALINE, 3-MERCAPTO-, DL-	Penicillamine	52675	California Proposition 65 listed for developmental	
VALINE, 3-MERCAPTO-, DL-	Penicillamine	52675	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
VANADIC ACID, AMMONIUM SALT	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of causing genetic defects' (GHS H341).	
VANADIC ACID, AMMONIUM SALT	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of causing cancer' (GHS H351).	
VANADIC ACID, AMMONIUM SALT	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
VANADIC ACID, AMMONIUM SALT	Ammonium trioxovanadate	7440622; 7803556	Classified as 'fatal if inhaled' (GHS H330).	
VANADIC ACID, AMMONIUM SALT	Ammonium trioxovanadate	7440622; 7803556	Classified as 'toxic if inhaled' (GHS H331).	
VANADIC ACID, POTASSIUM SALT	Potassium vanadium trioxide	13769432	Classified as 'suspected of causing genetic defects' (GHS H341).	
VANADIC ACID, POTASSIUM SALT	Potassium vanadium trioxide	13769432	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
VANADIC ACID, POTASSIUM SALT	Potassium vanadium trioxide	13769432	Classified as 'fatal in contact with skin' (GHS H310).	
VANADIC ACID, POTASSIUM SALT	Potassium vanadium trioxide	13769432	Classified as 'fatal if inhaled' (GHS H330).	
VANADIUM	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of causing genetic defects' (GHS H341).	
VANADIUM	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of causing cancer' (GHS H351).	
VANADIUM	Ammonium trioxovanadate	7440622; 7803556	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
VANADIUM	Ammonium trioxovanadate	7440622; 7803556	Classified as 'fatal if inhaled' (GHS H330).	
VANADIUM	Ammonium trioxovanadate	7440622; 7803556	Classified as 'toxic if inhaled' (GHS H331).	
VANADIUM TETRACHLORIDE	Vanadium tetrachloride	7632511	Classified as 'toxic in contact with skin' (GHS H311).	
VANADIUM TETRACHLORIDE	Vanadium tetrachloride	7632511	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
VANADIUM TETRACHLORIDE	Vanadium tetrachloride	7632511	Classified as 'toxic if inhaled' (GHS H331).	
VANADIUM TRICHLORIDE	Vanadium trichloride	7718981	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
VANADIUM TRIOXIDE	Divanadium trioxide	1314347	Classified as 'fatal in contact with skin' (GHS H310).	
VANADIUM, OXYSULFATO-	Vanadium oxide sulphate	27774136	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
VANADIUM, TRICHLOROORO-	Vanadium trichloride oxide	7727186	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
VANCOMYCIN	Vancomycin	1404906	Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
VANCOMYCIN	Vancomycin	1404906	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
Vat Red 1 (Uncertified D&C Red No. 30)	D&C Red No. 30	2379740	This ingredient is persistent, bioaccumulative and toxic.	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
Vat Red 1 (Uncertified D&C Red No. 30)	Uncertified color additives subject to batch certification	2379740	For color additives subject to FDA batch certification (Title 21 of the Code of Federal Regulations, Part 74, Subpart C), EWG does not allow use of batches that have not been certified and do not conform to proper FDA nomenclature.	
Vat Red 1 (Uncertified D&C Red No. 30)	D&C Red No. 30	2379740	EWG Verified restricts halogenated organic ingredients in cosmetics due to human health concerns and persistence in the environment.	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena oil	8024122	Prohibited by the International Fragrance Association for use in fragrance.	
VERNALDEHYDE	Reaction mass of 1methyl(4(4methylpentyl)cyclohex3ene1carbaldehyde and 1methyl3(4methylpentyl)3cyclohexene1carboxaldehyde; Vernaldehyde	66327546	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
VETIVER	Vetiver		EWG Verified doesn't allow products to use nonspecific ingredient names.	
VINCALEUKOBLASTINE, SULFATE (1:1) (SALT)	Vinblastine sulfate	143679	California Proposition 65 listed for developmental	
VINCLOZOLIN	Vinclozolin	50471448	California Proposition 65 listed for developmental	
VINCLOZOLIN	Vinclozolin	50471448	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
VINCLOZOLIN	Vinclozolin	50471448	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
VINCLOZOLIN	Vinclozolin [basis for listing changed on November 16, 2006]	50471448	California Proposition 65 listed for cancer	
VINYL ACETATE	vinyl acetate	108054	Classified as 'suspected of causing cancer' (GHS H351).	
VINYL ACETATE	vinyl acetate	108054	Possibly carcinogenic to humans' IARC (Category 2B, Volume Sup 7, 63 1995)	
VINYL CHLORIDE	Vinyl chloride	75014	California Proposition 65 listed for cancer	
VINYL CHLORIDE	Vinyl chloride	75014	FDA Banned ingredients in cosmetics.	
VINYL CHLORIDE	Vinyl chloride	75014	EPA IRIS 'human carcinogen'.	
VINYL CHLORIDE	Vinyl chloride	75014	EPA IRIS 'known/likely carcinogen'.	
VINYL CHLORIDE	Vinyl chloride	75014	Carcinogenic to humans' IARC (Category 1, Volume Sup 7, 97, 100F 2012)	
VINYL CHLORIDE	Vinyl Chloride (see Vinyl Halides [Selected])	75014	The U.S. National Toxicology Program has identified this chemical as a known human carcinogen.	
VINYL CHLORIDE	Vinyl Chloride Monomer	75014	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
VINYL CHLORIDE	Vinyl Chloride Monomer	75014	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
VINYL CHLORIDE	Vinyl chloride	75014	Listed on the 14th Report on Carcinogens as a known carcinogen	
VINYL FLUORIDE	Vinyl fluoride	75025	California Proposition 65 listed for cancer	
VINYL FLUORIDE	Vinyl fluoride	75025	Probably carcinogenic to humans' IARC (Category 2A, Volume Sup 7, 63, 97 2008)	
VINYL FLUORIDE	Vinyl Fluoride (see Vinyl Halides [Selected])	75025	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
VINYL FLUORIDE	Vinyl fluoride	75025	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
VINYLAMINE, N-METHYL-N-NITROSO-	<N>/>Nitrosomethylvinylamine	4549400	Possibly carcinogenic to humans' IARC (Category 2B, Volume 17, Sup 7 1987)	
VINYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylvinylamine	4549400	California Proposition 65 listed for cancer	
VINYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylvinylamine (see NNitrosamines: 15 listings)	4549400	The U.S. National Toxicology Program has identified this chemical as reasonably anticipated human carcinogen.	
VINYLAMINE, N-METHYL-N-NITROSO-	NNitrosomethylvinylamine	4549400	Listed on the 14th Report on Carcinogens as a reasonably anticipated human carcinogen	
VINYLPYRIDINE/TETRAHYDRODIMETHYL-METHANO-INDENE	A mixture of isomers of: 4(1(or 4 or 5 or 6)methyl8,9,10trinoorborn5en2yl)pyridine	125352069	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
VITAMIN B1	Thiamine	59438	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
VITAMIN B1	Thiamine	59438	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
VITAMIN D2	Ergocalciferol (INN) and Cholecalciferol (vitamins D2 and D3)	50146; 67970	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
VITAMIN D3	Ergocalciferol (INN) and Cholecalciferol (vitamins D2 and D3)	50146; 67970	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
WHEATGERMAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE	WHEATGERMAMIDOPROPYL ETHYLDIMONIUM ETHOSULFATE		Quaternary ammonium compounds can cause asthma and have been linked to reproductive toxicity.	
WHITE PHOSPHORUS	Phosphorus	7723140; 12185103	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
WHITE PHOSPHORUS	Phosphorus	7723140; 12185103	Classified as 'fatal if inhaled' (GHS H330).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	37319178	Possibly carcinogenic to humans' IARC (Category 2B, Volume 108 2016)	
XYLAN, HYDROGEN SULFATE, SODIUM SALT	Pentosan polysulfate sodium	37319178	Listed as an IARC Group 2B Carcinogen	
XYLANASE	Xylanase (from Thermomyces lanuginosus)	37278890	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
XYLENE	Xylene	1330207	This ingredient is a known human nervous system toxicant.	
XYLENE SULFONIC ACID	(xylenes and 4ethylbenzene)sulfonic acids; Xylenesulphonic acid	25321419	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
XYLENE SULFONIC ACID	Xylenesulphonic acid	25321419	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
XYLENOL	XYLENOL	1300716	Classified as 'toxic in contact with skin' (GHS H311).	
XYLENOL	XYLENOL	1300716	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
XYLENOL, PHOSPHATE (3:1)	Trixylyl phosphate	25155231	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
XYLIDINE	Xylidine	1300738	Classified as 'suspected of causing cancer' (GHS H351).	
XYLIDINE	Xylidine	1300738	Classified as 'toxic in contact with skin' (GHS H311).	
XYLIDINE	Xylidine	1300738	Classified as 'toxic if inhaled' (GHS H331).	
XYLIDINE	Xylidines, their isomers, salts and halogenated and sulphonated derivatives	1300738	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
XYLIDINE	Xylidines, their isomers, salts, halogenated and sulfonated derivatives	1300738	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
YOHIMBAN-16-ALPHA-CARBOXYLIC ACID, 17-ALPHA-HYDROXY-, METHYL ESTER	Yohimbine and its salts	146485	Prohibited for use in cosmetic products (Cosmetic Ingredient Hotlist, Canada).	
YOHIMBAN-16-ALPHA-CARBOXYLIC ACID, 17-ALPHA-HYDROXY-, METHYL ESTER	Yohimbine and its salts	146485	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
YTTERBIUM FLUORIDE	Ytterbium trifluoride	13760800	Classified as 'toxic in contact with skin' (GHS H311).	
YTTERBIUM FLUORIDE	Ytterbium trifluoride	13760800	Classified as 'toxic if inhaled' (GHS H331).	
YTTERBIUM NITRATE	Ytterbium trinitrate	13768677; 35725349	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
YTTRIUM(III) NITRATE (1:3)	Yttrium trinitrate	10361930	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZEA MAYS (CORN)	corn		EWG Verified doesn't allow products to use nonspecific ingredient names.	
ZINC	ZINC	7440666	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC	zinc oxide	1314132; 7440666	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC ACETATE	Zinc di(acetate)	557346; 5970456	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC ACETATE, DIHYDRATE	Zinc di(acetate)	557346; 5970456	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC BIS(DIETHYLDITHIOCARBAMATE)	zinc bis(diethyldithiocarbamate)	14324551	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC BORATE	Boric acid, zinc salt	1332076	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ZINC BORATE	Boric acid, zinc salt	1332076	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC BROMIDE	Zinc bromide	7699458; 18921136	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZINC BROMIDE	Zinc bromide	7699458; 18921136	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC CARBONATE	ZINC CARBONATE	3486359	According to the classification provided by companies to ECHA in REACH registrations this substance is very toxic to aquatic life with long lasting effects.	
ZINC CARBONATE	ZINC CARBONATE	3486359	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC CHLORIDE	zinc chloride	7646857	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
ZINC CHLORIDE	zinc chloride	7646857	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZINC CHLORIDE	zinc chloride	7646857	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC CITRATE	Trizinc dicitrate	546463	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC CITRATE TRIHYDRATE	Trizinc dicitrate	546463	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC CYANIDE	Hydrogen cyanide (HCN) and cyanide salts (CN salts)	557211	California Prop65 Chemical (male)	
ZINC DIBUTYLDITHIOCARBAMATE	zinc bis(dibutyldithiocarbamate)	136232	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC FLUORIDE	Zinc fluoride	7783495	Classified as 'toxic in contact with skin' (GHS H311).	
ZINC FLUORIDE	Zinc fluoride	7783495	Classified as 'toxic if inhaled' (GHS H331).	
ZINC FORMALDEHYDE SULFOXYLATE	Zinc bis(hydroxymethanesulphinate)	24887067	Classified as 'suspected of causing genetic defects' (GHS H341).	

Substance/ingredient	Alternative name	CAS	Unacceptable reason	2023 update
ZINC GLUCONATE	Bis(DgluconatoO1,O2)zinc	4024468; 4468024	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC HYDROXIDE	ZINC HYDROXIDE	20427581	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC LACTATE	Zinc dilactate	16039535	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC OXIDE (sunscreen grade >= 100nm)	zinc oxide	1314132	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
ZINC OXIDE (sunscreen grade >= 100nm)	zinc oxide	1314132	Sensitizing asthmagens designated by the Association of Occupational and Environmental Clinics.	
ZINC OXIDE (sunscreen grade >= 100nm)	zinc oxide	1314132; 7440666	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC OXIDE (sunscreen grade >= 100nm)	ZINC OXIDE (sunscreen grade >= 100nm)	1314132	EWG F scoring ingredient under any condition of use.	
ZINC OXIDE (sunscreen grade >= 100nm)	zinc oxide	1314132	designated as sensitizing asthmagens by the Association of Occupational and Environmental Clinics	
ZINC PEROXIDE	Reaction mass of zinc oxide and zinc peroxide; Zinc peroxide; Reaction mass of zinc oxide and zinc peroxide	1314223	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC PYRITHIONE	Pyrithione zinc	13463417	Classified as 'suspected of damaging fertility or the unborn child' (GHS H361).	
ZINC PYRITHIONE	Pyrithione zinc	13463417	Classified as 'toxic if inhaled' (GHS H331).	
ZINC PYRITHIONE	Pyrithione zinc	13463417	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC PYRITHIONE	ZINC PYRITHIONE	13463417	Europe prohibits this ingredient in cosmetics	
ZINC SILICATE	Dizinc orthosilicate	13597654	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC SULFATE	ZINC SULFATE	7446200	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
ZINC SULFATE	ZINC SULFATE	7733020	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
ZINC SULFATE	Zinc sulphate	7446197; 7446200; 7733020	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC SULFATE HEPTAHYDRATE (1:1:7)	ZINC SULFATE	7446200	According to the harmonized classification and labeling approved by the European Union, this substance is very toxic to aquatic life with long lasting effects.	
ZINC SULFATE HEPTAHYDRATE (1:1:7)	Zinc sulphate	7446197; 7446200; 7733020	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC SULFATE, MONOHYDRATE	Zinc sulphate	7446197; 7446200; 7733020	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC, BIS(N-ETHYLDITHIOCARBANILATO)	Zinc bis(NethylNphenyldithiocarbamate)	14634936	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC(II) NITRATE	ZINC NITRATE	7779886; 10196186	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINC(II) NITRATE, HEXAHYDRATE (1:2:6)	ZINC NITRATE	7779886; 10196186	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZINEB	Zineb	12122677	Classified as an endocrine disruptor in the European Union. Category 1 evidence of endocrine disrupting activity in at least one species using intact animals.	
ZIRAM	Ziram	137304	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ZIRAM	Ziram	137304	Classified as 'fatal if inhaled' (GHS H330).	
ZIRAM	Ziram	137304	Classified as 'very toxic to aquatic life with long lasting effect' (GHS H410).	
ZIRCONATE(2-), HEXAFLUORO-, DIPOTASSIUM	Dipotassium hexafluorozirconate	16923958	Classified as 'toxic in contact with skin' (GHS H311).	
ZIRCONATE(2-), HEXAFLUORO-, DIPOTASSIUM	Dipotassium hexafluorozirconate	16923958	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZIRCONATE(2-), HEXAFLUORO-, DIPOTASSIUM	Dipotassium hexafluorozirconate	16923958	Classified as 'toxic if inhaled' (GHS H331).	
ZIRCONIUM NITRATE	Zirconium tetranitrate	13746899	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZIRCONIUM POWDER	Zirconium and its compounds, with the exception of the substances listed under reference number 50 in Annex III, and the zirconium lakes, pigments or salts of the colouring agents when listed Annex IV	7440677	List of substances prohibited in cosmetic products from Annex II of the Regulation (EC) No 1223/2009 of the European Parliament and of the Council as amended.	
ZIRCONIUM POWDER	Zirconium dinitrate oxide	7440677; 13826669; 14985183	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZIRCONIUM, BIS(NITRATO-O)OXO-	Zirconium dinitrate oxide	7440677; 13826669; 14985183	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZIRCONIUM(IV) CHLORIDE (1:4)	Zirconium tetrachloride	10026116	Classified as 'causes severe skin burns and eye damage' (GHS H314).	
ZIRCONIUM(IV) CHLORIDE (1:4)	Zirconium tetrachloride	10026116	Classified as 'may cause allergy or asthma symptoms or breathing difficulties if inhaled' (GHS H334).	
ZIRCONIUM(IV) SULFATE (1:2)	Zirconium sulphate	7446313; 14644612	Classified as 'causes severe skin burns and eye damage' (GHS H314).	

