



RESTRICTED LIST CLEANING PRODUCTS

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
1-(2,4,4-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
1-(3,4-DIMETHOXYPHENYL)-4,4-DIMETHYL-1,3-PENTA NEDIENE	134DIMETHOXYPHENYL44DIMETHYL13PENTANEDIONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7% in rinseoff products (not applied to mucosa).	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., chlorides, sodium salts	1Propanaminium, 3aminoN(carboxymethyl)N,Ndimethyl, Ncoco acyl derivs., chlorides, sodium salts	61789397	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
1-TRIMETHYL-2-CYCLOHEXENYL-1-PENTEN-3-ONE	alphaMethyl ionone	7779308	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1-TRIMETHYL-2-CYCLOHEXENYL-1-PENTEN-3-ONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
1,2-PROPANEDIOL, MONOBUTYL ETHER	1,2PROPANEDIOL, MONOBUTYL ETHER	29387868	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL-ETHANONE	1(1,2,3,4,5,6,7,8 Octahydro2,3,8,8tetramethyl2naphthalenyl) ethanone	54464572	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL-ETHANONE	TETRAMETHYL ACETYLOCTAHYDRO NAPHTHALENES	54464572; 54464594; 68155668; 68155679	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1,2,3,4,5,6,7,8a-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL-ETHANONE	TETRAMETHYL ACETYLOCTAHYDRO NAPHTHALENES	54464572; 54464594; 68155668; 68155679	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1,2,3,5,6,7,8,8a-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL-ETHANONE	TETRAMETHYL ACETYLOCTAHYDRO NAPHTHALENES	54464572; 54464594; 68155668; 68155679	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1,2,4-TRIHYDROXYBENZENE	1,2,4-TRIHYDROXYBENZENE	533-73-3	This substance must contain <0.1% hydroquinone based on the European Commission SCCS Opinion 1598/18.	x
1,3-DIOXOLANE-4-METHANOL, 2,2-DIMETHYL-	2,2Dimethyl,1,3dioxolane4methanol	100798	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
1,3-Undecadien-5-yne	1,3Undecadien5yne	166432526	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	CAMPHOR	76222; 464493	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
1H-PYRROLE-1-HEPTANOIC ACID, BETA,DELTA-DIHYDROXY-2-(4-FLUOROPHENYL)-5-(1-METHYLETHYL)-3-	1H-PYRROLE-1-HEPTANOIC ACID, BETA,DELTA-DIHYDROXY-2-(4-FLUOROPHENYL)-5-(1-METHYLETHYL)-3-	134523-03-8	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
2-Buten-1-one, 1-(2,2-dimethyl-6-methylenecyclohexyl)-	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
2-Buten-1-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
2-BUTEN-1-ONE, 1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-,	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
2-Cyclopenten-1-one, 3-methyl-2-(pentyloxy)-	3Methyl2(pentyloxy)cyclopent2en1one	68922134	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
2-Ethyl-2,5-Dimethylhexanoic Acid	2Ethyl2,5Dimethylhexanoic Acid	26915708	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
2-Ethyl-2,5-Dimethylhexanoic Acid	2Ethyl2,5Dimethylhexanoic Acid	26915708	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
2-ethylhexyl glucoside	2ethylhexyl glucoside	125590741	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
2-ethylhexyl glucoside	2ethylhexyl glucoside	125590741	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	

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2-HEPTYLIDENECYCLOPENTANONE	2Heptylidene cyclopentanone	39189747	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
2-HEXYLIDENECYCLOPENTANONE	2HEXYLIDENE CYCLOPENTANONE	17373896	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
2-HEXYLIDENECYCLOPENTANONE	αHexylidene cyclopentanone	17373896	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.06% in household cleaning products.	
2-METHOXY-p-CRESOL	2METHOXY4METHYL PHENOL	93516	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
2-METHOXY-p-CRESOL	2METHOXY4METHYL PHENOL	93516	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
2-METHYLUNDECANAL	METHYLUNDECANAL	110418	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
2-NONYN-1-AL DIMETHYLACETAL	2Nonylnal dimethyl acetal	13257448	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
2-OCTANOL	2 Octanol (C8)	123966	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
2-OCTANOL	2 Octanol (C8)	123966	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
2,3-DIHYDRO-2,2,6-TRIMETHYLBENZALDEHYDE	2,3DIHYDRO2,2,6TRI METHYLBENZALDEH YDE	116267	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
2,3-DIHYDRO-2,2,6-TRIMETHYLBENZALDEHYDE	2,6Trimethylcyclohexane, 1,3-dienyl methanal	116267	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	2,4Dimethyl3cyclohexenylcarboxaldehyde	68039496	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE	Dimethylcyclohexane-1-carbaldehyde (mixed isomers)	68737611; 68039496; 68039485; 27939602; 67801654; 36635355; 68084526; 35145029	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
2,4,6-TRIMETHYL-3-CYCLOHEXENECARBALDEHYDE	ISOCYCLOCITRAL	1335666; 1423467; 67634075	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
2,6-DIMETHYL-7-OCTEN-2-OL	2,6dimethylocten2ol	18479588	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
3-METHYL-5-(2,2,3-TRIMETHYL-3-CYCLOPENTENYL)PENT-4-EN-2-OL	3METHYL5(2,2,3TRIMETHYL3CYCLOPENTENYL)PENT4EN2OL	67801201	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
3-METHYL-5-(2,2,3-TRIMETHYL-3-CYCLOPENTENYL)PENT-4-EN-2-OL	3METHYL5(2,2,3TRIMETHYL3CYCLOPENTENYL)PENT4EN2OL	67801201	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of 3methyl5(2,2,3trimethyl3cyclopentyl)pent4en2ol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
3-PHENYLBUTYRALDEHYDE	3Phenylbutanal	16251777	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
3,5-DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE	Dimethylcyclohexane-1-carbaldehyde (mixed isomers)	68737611; 68039496; 68039485; 27939602; 67801654; 36635355; 68084526; 35145029	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
3,5,6-TRIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE	ISOCYCLOCITRAL	1335666; 1423467; 67634075	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
3,6-DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE	Dimethylcyclohexane-1-carbaldehyde (mixed isomers)	68737611; 68039496; 68039485; 27939602; 67801654; 36635355; 68084526; 35145029	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
4-(2-BETA-GLUCOPYRANOSILOXY) PROPOXY-2-HYDROXYBENZOPHENONE	42BETAGLUCOPYRANOSILOXYPROPOXY 2HYDROXYBENZOPHENONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in rinseoff products (not applied to mucosa).	
4-ETHYLBENZALDEHYDE	pEthylbenzaldehyde	4748781	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
4-METHYLBENZALDEHYDE	o,m,pTolualdehydes and their mixtures	529204; 620235; 104870; 1334787	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
4-tert-BUTYLCYCLOHEXYL ACETATE	4tertButylcyclohexyl acetate	32210234	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
4-tert-BUTYLDIHYDROCINNAMALDEHYDE	ptertButyldihydrocinnamaldehyde (Bourgeonal)	18127010	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.6% in household cleaning products.	
4-tert-BUTYLDIHYDROCINNAMALDEHYDE	ptert. Butyldihydrocinnamaldehyde	18127010	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
4-UNDECANOL, 7-ETHYL-2-METHYL-, HYDROGEN SULFATE, SODIUM SALT	4Undecanol, 7ethyl2methyl, hydrogen sulfate, sodium salt	139888	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

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4-UNDECANOL, 7-ETHYL-2-METHYL-, HYDROGEN SULFATE, SODIUM SALT	4Undecanol, 7ethyl2methyl, hydrogen sulfate, sodium salt	139888	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
4,6,10-DODECATRIEN-3-ONE, 7,11-DIMETHYL-	711DIMETHYL4610DO DECATRIEN3ONE	26651967	Health Canada restricts this ingredient to a maximum concentration of 2% (as an impurity in methylionones)	
5-BROMO-5-NITRO-1,3-DIOXANE	5bromo5nitro1,3dioxane	30007477	The European Commission restricts this ingredient to a maximum concentration of 0.10% in rinseoff products	
5-METHYL-alpha-IONONE	5METHYLalphaIONONE	79696	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
6-METHYL COUMARIN	6METHYL COUMARIN	92488	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
6-METHYL COUMARIN	6METHYL COUMARIN	92488	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of 6methyl coumarin be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
68515-73-1	Alkyl polyglucoside (C810)	68515731	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
68515-73-1	Alkyl polyglucoside (C810)	68515731	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
68647-72-3	Orange oil, sweet terpenes	68647723	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
8-HYDROXYQUINOLINE SULFATE	8Hydroxyquinoline sulfate	134316	The European Commission restricts this ingredient to a maximum concentration of 0.3% (as base) in hair rinseoff products and 0.03% (as base) in hair leaveon products, both as a stabilizer for hydrogen peroxide.	
8-HYDROXYQUINOLINE SULFATE	8HYDROXYQUINOLINESULFATE	134316	Health Canada restricts this ingredient to a maximum concentration of 0.3% as stabilizers for hydrogen peroxide in rinseoff haircare preparations and 0.03% in leaveon hair products.	
8-HYDROXYQUINOLINE SULFATE	OXYQUINOLINE SULFATE	134-31-6	The Cosmetic Ingredient Review restricts the use of this ingredient to a stabilizer for hydrogen peroxide in rinseoff hair products.	
80-54-6	LILIAL	80546	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
80-54-6	ptertButylmethylhydrocinnamic aldehyde (BMHCA)	80546	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ABIES ALBA LEAF OIL	ABIES ALBA NEEDLE OIL	8021270	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ABIES BALSAMEA (BALSAM)	Balsams, Canada	8007474	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ABIES BALSAMEA (BALSAM)	Fir balsam	8024155	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) EXTRACT	85085343	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ABIES SIBIRICA (SIBERIAN FIR) OIL	Fir needle oil, Siberian	8021292	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ABIES SIBIRICA (SIBERIAN FIR) OIL	Pine needle oil	8021292	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ACACIA CATECHU GUM	ACACIA CATECHU GUM	8001-76-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA CONCIINNA FRUIT EXTRACT	ACACIA CONCIINNA FRUIT EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA DEALBATA LEAF EXTRACT	ACACIA DEALBATA LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA DECURRENS EXTRACT	ACACIA DECURRENS EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA FLOWER WAX	ACACIA FARNESIANA FLOWER WAX		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA FLOWER/STEM EXTRACT	ACACIA FARNESIANA FLOWER/STEM EXTRACT	89958-31-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA GUM	ACACIA FARNESIANA GUM	9000-01-5	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	

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ACACIA SENEGAL EXTRACT	ACACIA SENEGAL EXTRACT	97659-43-3	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA SENEGAL GUM	ACACIA SENEGAL GUM	9000-01-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA SENEGAL GUM	Acacia Senegal Gum	9000-01-5	Acacia Senegal Gum is designated as an AOEC asthmagens and therefore cannot be used in spray and powder products.	x
ACACIA SENEGAL GUM EXTRACT	ACACIA SENEGAL GUM EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACETIC ACID	Acetic Acid	64197	Specific concentration limit of 10% establish by European commission for hazard classification. Not allowed with hydrogen peroxide.	
ACETIC ACID, (ETHYLENEDINITRIL O)TETRA-, DISODIUM SALT, COPPER COMPLEX, TRIHYDRATE	ACETIC ACID, (ETHYLENEDINITRIL O)TETRA-, DISODIUM SALT, COPPER COMPLEX, TRIHYDRATE	73637-19-1	Per the U.S. FDA., disodium EDTA-copper shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Total copper, not less than 13.5 percent. Total (ethylene-dinitrilo) tetracetic acid, not less than 62.5 percent. Free copper, not more than 100 parts per million. Free disodium salt of (ethylene-dinitrilo) tetraacetic acid, not more than 1.0 percent. Moisture, not more than 15 percent. Water insoluble matter, not more than 0.2 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million.	x
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene	Acetic, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene	144020224; 28371995	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ACETYLCEDRENE	Acetylcedren	32388559	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ACETYLCEDRENE	Acetylcedren	32388559	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of Acetylcedren be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ACHILLEA MILLEFOLIUM (COMMON YARROW) OIL	Yarrow oil		Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4)	Color additives subject to batch certification	3844-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4)	CI 42090	3844-45-9	This substance must contain less than: 100 ppm manganese, 2 ppm lead, 1 ppm mercury, 1 ppm cadmium, and 100 ppm unsulfonated primary aromatic amines.	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4) Lake	Color additives subject to batch certification	3844-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Blue 9 (Uncertified FD&C Blue No. 1 or D&C Blue No. 4) Lake	CI 42090	3844-45-9	This substance must contain less than: 100 ppm manganese, 2 ppm lead, 1 ppm mercury, 1 ppm cadmium, and 100 ppm unsulfonated primary aromatic amines.	
Acid Green 25 (Uncertified D&C Green No. 5)	D&C Green No. 5	4403901	This ingredient is restricted to 0.3% due to a restriction on use in hair dyes in Europe.	
Acid Green 25 (Uncertified D&C Green No. 5)	Color additives subject to batch certification	4403-90-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Green 25 (Uncertified D&C Green No. 5)	D&C Green No. 5	4403-90-1	This substance must contain <0.1 ppm lead, <0.2 ppm arsenic, <0.2 ppm mercury, and may not contain detectable levels of 1,4-diaminoanthraquinone.	
Acid Orange 24 (Uncertified D&C Brown No. 1)	Color additives subject to batch certification	1320-07-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Orange 7 (Uncertified D&C Orange No. 4)	Color additives subject to batch certification	633-96-5	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Orange 7 (Uncertified D&C Orange No. 4)	D&C Orange no 4	633-96-5	This substance must contain <0.06% 2naphthol and <0.12% sodium sulfanilate.	

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Acid Red 33 (Uncertified D&C Red No. 33)	Color additives subject to batch certification	3567-66-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Red 33 (Uncertified D&C Red No. 33)	D&C Red No. 33	3567-66-6	This substance must contain <70 ppb 1,3diphenyltriazene, <10 ppm 4aniline, <175 ppb 4aminobiphenyl, and <0.5 ppm 2aminobiphenyl.	
Acid Red 87 or Solvent Red 43 (Uncertified D&C Red No. 21 or 22)	Color additives subject to batch certification	17372-87-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Violet 43 (Uncertified Ext. D&C Violet No. 2)	Color additives subject to batch certification	4430-18-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 1 (Uncertified Ext. D&C Yellow No. 7)	Ext. D&C Yellow No. 7	846708	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
Acid Yellow 1 (Uncertified Ext. D&C Yellow No. 7)	Color additives subject to batch certification	846-70-8	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 1 (Uncertified Ext. D&C Yellow No. 7)	Ext. D&C Yellow No. 7	846-70-8	This substance must contain <10 ppm 1naphthol, <20 ppm 2,4dinitro1naphthol, and <10 ppm lead.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5)	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5)	FD&C Yellow 5		This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb 1naphthylamine.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 23 (Uncertified FD&C Yellow No. 5) Lake	FD&C Yellow 5		This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb 1naphthylamine.	
Acid Yellow 3 (Uncertified D&C Yellow No. 10)	Color additives subject to batch certification	38615-46-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 3 (Uncertified D&C Yellow No. 10)	D&C Yellow No. 10	38615-46-2	This substance must contain <2ppm lead, <1ppm cadmium, <50ppm zinc, and <0.01% aniline.	
Acid Yellow 3 (Uncertified D&C Yellow No. 10) Lake	Color additives subject to batch certification	68814-04-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 3 (Uncertified D&C Yellow No. 10) Lake	D&C Yellow No. 10	68814-04-0	This substance must contain <2ppm lead, <1ppm cadmium, <50ppm zinc, and <0.01% aniline.	
Acid Yellow 73 (Uncertified D&C Yellow No. 7 or 8)	Color additives subject to batch certification	518-45-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Acid Yellow 73 (Uncertified D&C Yellow No. 7 or 8)	CI 45350	518-45-6	The European Commission restricts this ingredient to a maximum concentration of 6%	
ACORUS CALAMUS	ACORUS CALAMUS		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ACORUS CALAMUS (SWEET FLAG) ROOT EXTRACT	ACORUS CALAMUS (SWEET FLAG) ROOT EXTRACT	84775393	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ACORUS CALAMUS ROOT EXTRACT HYDROGENATED	ACORUS CALAMUS ROOT EXTRACT HYDROGENATED	85480473	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ACRYLAMIDE/ AMMONIUM ACRYLATE COPOLYMER	ACRYLAMIDE/ AMMONIUM ACRYLATE COPOLYMER	26100470	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	25085023	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ SODIUM ACRYLOYLDIMETHYLTAURATE COPOLYMER	ACRYLAMIDE/ SODIUM ACRYLOYLDIMETHYLTAURATE COPOLYMER	38193601	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER	ACRYLAMIDE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER	74153518	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ACRYLAMIDE/ETHYLTRIMONIUM CHLORIDE ACRYLATE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER	ACRYLAMIDE/ETHYLTRIMONIUM CHLORIDE ACRYLATE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/SODIUM ACRYLOYLDIMETHYLAURATE/ACRYLIC ACID COPOLYMER	ACRYLAMIDE/SODIUM ACRYLOYLDIMETHYLAURATE/ACRYLIC ACID COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDES COPOLYMER	ACRYLAMIDES COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER	ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER	ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLAMIDOPROPYLTRIMONIUM CHLORIDE/ ACRYLAMIDE COPOLYMER	ACRYLAMIDOPROPYLTRIMONIUM CHLORIDE/ ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLATES COPOLYMER	ACRYLATES COPOLYMER	25133-97-5	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES CROSSPOLYMER	ACRYLATES CROSSPOLYMER	26794-61-6	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ ACRYLAMIDE COPOLYMER	ACRYLATES/ ACRYLAMIDE COPOLYMER	9003-06-9	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
ACRYLATES/ AMINOACRYLATES/ C10-30 AKLYL PEG-20 ITACONATE COPOLYMER	Acrylates/ Aminoacrylates/ C1030 Aklyl Peg20 Itaconate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ AMINOACRYLATES/ C10-30 ALKYL PEG-20 ITACONATE COPOLYMER	Acrylates/ Aminoacrylates/ C1030 Alkyl Peg20 Itaconate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ BEHENETH-25 METHACRYLATE COPOLYMER	ACRYLATES/ BEHENETH25 METHACRYLATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ BEHENETH-25 METHACRYLATE COPOLYMER	ACRYLATES/ BEHENETH-25 METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ C12-22 ALKYL METHACRYLATE COPOLYMER	ACRYLATES/ C12-22 ALKYL METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ACRYLATES/ CETETH-20 ITACONATE COPOLYMER	Acrylates/ Ceteth20 Itaconate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ DIMETHICONE COPOLYMER	ACRYLATES/ DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ACRYLATES/ HYDROXYESTERS ACRYLATES COPOLYMER	ACRYLATES/ HYDROXYESTERS ACRYLATES COPOLYMER	25035-89-6	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ LAURYL ACRYLATE/ STEARYL ACRYLATE/ ETHYLAMINE OXIDE METHACRYLATE COPOLYMER	ACRYLATES/ LAURYL ACRYLATE/ STEARYL ACRYLATE/ ETHYLAMINE OXIDE METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ PALMETH 25 ACRYLATES COPOLYMER	ACRYLATES/ PALMETH 25 ACRYLATES COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ STEARETH-20 ITACONATE COPOLYMER	Acrylates/ Steareth20 Itaconate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/ STEARETH-20 METHACRYLATE COPOLYMER	ACRYLATES/ STEARETH-20 METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ VA COPOLYMER	ACRYLATES/ VA COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER	ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Acrylates/Ammonium Methacrylate Copolymer	Acrylates/Ammonium Methacrylate Copolymer		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/BEHENYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER	ACRYLATES/BEHENYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	176429-87-1	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/CETETH-20 METHACRYLATE COPOLYMER	Acrylates/ceteth20 Methacrylate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/CETETH-20 METHACRYLATE COPOLYMER	ACRYLATES/CETETH-20 METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/DIMETHICONE METHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER	ACRYLATES/DIMETHICONE METHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ACRYLATES/DIMETHICONE METHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER	ACRYLATES/DIMETHICONE METHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/ETHYLHEXYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER	ACRYLATES/ETHYLHEXYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ACRYLATES/ETHYLHEXYL ACRYLATE/GLYCIDYL METHACRYLATE CROSSPOLYMER	ACRYLATES/ETHYLHEXYL ACRYLATE/GLYCIDYL METHACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/HYDROXYETHYL ACRYLATE/LAURYL ACRYLATE COPOLYMER	ACRYLATES/HYDROXYETHYL ACRYLATE/LAURYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ACRYLATES/HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER	ACRYLATES/HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/LAURETH-25 METHACRYLATE COPOLYMER	Acrylates/laureth25 Methacrylate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/LAURETH-25 METHACRYLATE COPOLYMER	ACRYLATES/LAURETH-25 METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/METHOXY PEG-15 METHACRYLATE COPOLYMER	Acrylates/methoxy Peg15 Methacrylate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/METHOXY PEG-15 METHACRYLATE COPOLYMER	ACRYLATES/METHOXY PEG-15 METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/METHOXY PEG-23 METHACRYLATE/PERFLUOROCTYL ETHYL ACRYLATE COPOLYMER	Acrylates/methoxy Peg23 Methacrylate/perfluorooctyl Ethyl Acrylate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/METHOXY PEG-23 METHACRYLATE/PERFLUOROCTYL ETHYL ACRYLATE COPOLYMER	ACRYLATES/METHOXY PEG-23 METHACRYLATE/PERFLUOROCTYL ETHYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/PALMETH-25 ACRYLATE COPOLYMER	ACRYLATES/PALMETH-25 ACRYLATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/PALMETH-25 ACRYLATE COPOLYMER	ACRYLATES/PALMETH-25 ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/PALMETH-25 ITACONATE COPOLYMER	ACRYLATES/PALMETH-25 ITACONATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/PEG-10 MALEATE/STYRENE COPOLYMER	Acrylates/ Peg10 Maleates/ Styrene Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ACRYLATES/STEARETH-50 ACRYLATE COPOLYMER	ACRYLATES/STEARETH-50 ACRYLATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ACRYLATES/STEARETH-50 ACRYLATE COPOLYMER	ACRYLATES/STEARETH-50 ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/STEARYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER	ACRYLATES/STEARYL ACRYLATE/DIMETHICONE METHACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ACRYLATES/STEARYL METHACRYLATE COPOLYMER	ACRYLATES/STEARYL METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/VA CROSSPOLYMER	ACRYLATES/VA CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ACRYLATES/VINYL NEODECANOATE CROSSPOLYMER	ACRYLATES/VINYL NEODECANOATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ADIPIC ACID	adipic acid	124-04-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.000001% in leave-on products and 18% in rinse-off products.	
AGARUM CRIBOSUM EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALARIA ESCULENTA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Alcohol Ether Sulfate	Alcohol Ether Sulfate	68081914	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol Ether Sulfate	Alcohol Ether Sulfate	68081914	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylated (C12-14)	Alcohol Ethoxylated (c1214)	68439509	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylated (C12-14)	Alcohols, C1214, ethoxylated	68439509	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylated (C12-14)	Alcohols, C1214, ethoxylated	68439509	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C10-12, 5-7EO) branched	Alcohol Ethoxylates (c1012, 57eo) Branched		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol ethoxylates (C10-12, 8EO)	Alcohol Ethoxylates (c1012, 8eo)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C10-12)	Alcohol ethoxylates (C10-12)		The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process. Based on this finding, the concentration of 1,4-dioxane cannot exceed 1 ppm in the final product.	x
Alcohol ethoxylates (C10-14)	Alcohol Ethoxylates (c1014)	66455150	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C10-14)	Alcohol Ethoxylates (c1014)	66455150	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C10-14)	Alcohol Ethoxylates (c1014)	66455150	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C10-16, 9EO)	Alcohol Ethoxylates (c1016, 9eo)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C10-16)	Alcohol Ethoxylates (c1016)	68002971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C10-16)	Alcohol Ethoxylates (c1016)	68002971	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C10-16)	Alcohol Ethoxylates (c1016)	68002971	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
ALCOHOL ETHOXYLATES (C10-C16) SODIUM SALT	Alcohol Ethoxylates (c10C16) Sodium Salt	68585342	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C10-C16) SODIUM SALT	alcohol ethoxylates (C10C16) sodium salts	68585342	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ALCOHOL ETHOXYLATES (C10-C16) SODIUM SALT	alcohol ethoxylates (C10C16) sodium salts	68585342	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
ALCOHOL ETHOXYLATES (C10-C16) SODIUM SALT	SODIUM LAURETH3,6 SULFATE	68585342	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C11-14-iso-, C13-rich)	Alcohol Ethoxylates (c1114iso, C13Rich)	78330219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C11-15) secondary	Alcohol Ethoxylates (c1115) Secondary	68131408	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C11-15) secondary	Alcohol Ethoxylates (c1115) Secondary	68131408	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C11-15) secondary	Alcohol Ethoxylates (c1115) Secondary	68131408	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-13)	Alcohol Ethoxylates (c1213)	66455149	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-13)	Alcohols, C1213, ethoxylated	66455149	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C12-13)	Alcohols, C1213, ethoxylated	66455149	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-13)	C1213 PARETH7	66455149	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol ethoxylates (C12-14) 9EO	Alcohol Ethoxylates (c1214) 9eo		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-14) linear, saturated	Alcohol Ethoxylates (c1214) Linear, Saturated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-14) propoxylated	Alcohol Ethoxylates (c1214) Propoxylated	68439510	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-14) propoxylated	Alcohol Ethoxylates (c1214) Propoxylated	68439510	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-14) secondary	Alcohol Ethoxylates (c1214) Secondary	84133506	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-14) secondary	Alcohol Ethoxylates (c1214) Secondary	84133506	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C12-14) secondary	Alcohol Ethoxylates (c1214) Secondary	84133506	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-14) secondary	Alcohol Ethoxylates (c1214) Secondary	84133-50-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 12-20EO)	Alcohol ethoxylates (C1215, 1220EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 20-30EO)	Alcohol ethoxylates (C1215, 2030EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 3-12EO, branched)	Alcohol ethoxylates (C1215, 312EO, branched)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 30+EO)	Alcohol ethoxylates (C1215, 30+EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 7EO)	Alcohol Ethoxylates (c1215, 7eo)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, 9-12EO)	Alcohol ethoxylates (C1215, 912EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, avg 12-13, 6-9EO)	Alcohol ethoxylates (C1215, avg 1213, 69EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15, avg 15, 6-9EO)	Alcohol ethoxylates (C1215, avg 15, 69EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	Alcohol Ethoxylates (c1215)	106232831	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C12-15)	Alcohol Ethoxylates (c1215)	106232831	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-15)	Alcohol Ethoxylates (c1215)	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	Alcohol Ethoxylates (c1215)	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol ethoxylates (C12-15)	Alcohols, C1215, ethoxylated	68131395	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C12-15)	Alcohols, C1215, ethoxylated	68131395	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-15)	C1215 PARETH2	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	C1215 PARETH3	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	C1215 PARETH5	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	C1215 PARETH7	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-15)	C1215 PARETH9	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-16, 7EO)	Alcohol Ethoxylates (c1216, 7eo)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C12-16)	Alcohol Ethoxylates (c1216)	68551122	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C12-16)	Alcohol Ethoxylates (c1216)	68551122	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ALCOHOL ETHOXYLATES (C12-16)	Alcohol Ethoxylates (c1216)	68551122	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12-18, 0-3EO)	Alcohol ethoxylates (C1218, 03EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-18, 10-20EO)	Alcohol ethoxylates (C1218, 1020EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12-18, 5-10EO)	Alcohol ethoxylates (C1218, 510EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C12-18)	Alcohol Ethoxylates (c1218)	68213230	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C12-18)	Alcohols, C1218, ethoxylated	68213230	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ALCOHOL ETHOXYLATES (C12-18)	Alcohols, C1218, ethoxylated	68213230	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C12)	Alcohol Ethoxylates (c12)	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	Alcohol Ethoxylates (c12)	9002920	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C12)	Alcohol Ethoxylates (c12)	9002920	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol ethoxylates (C12)	LAURETH11	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH13	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH14	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH15	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH16	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH20	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH23	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH25	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH30	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH38	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C12)	LAURETH40	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
alcohol ethoxylates (C13-15)	alcohol ethoxylates (C1315)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C14-15)	Alcohol Ethoxylates (c1415)	68951677	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C14-15)	Alcohol Ethoxylates (c1415)	68951677	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C14-15)	Alcohol Ethoxylates (c1415)	68951677	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C14-15)	C1415 PARETH7	68951677	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C16-18, 2-8EO)	Alcohol ethoxylates (C1618, 28EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C16-18, 20-30EO)	Alcohol ethoxylates (C1618, 2030EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C16-18, 25EO)	Alcohol Ethoxylates (c1618, 25eo)	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol ethoxylates (C16-18, 30+EO)	Alcohol ethoxylates (C1618, 30+EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C16-18, 9-18EO)	Alcohol ethoxylates (C1618, 918EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C4-C8, 5EO)	Alcohol Ethoxylates (c4C8, 5eo)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C6-12)	Alcohol Ethoxylates (c612)	68439452	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES (C6-12)	Alcohol Ethoxylates (c612)	68439452	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ALCOHOL ETHOXYLATES (C6-12)	Alcohol Ethoxylates (c612)	68439452	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C7-21)	Alcohol Ethoxylates (c721)	68991480	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C8-10)	Alcohol Ethoxylates (c810)	74565574	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 3-6EO)	Alcohol ethoxylates (C911, 36EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 4-8EO)	Alcohol Ethoxylates (c911, 48eo)	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 4-8EO)	Alcohol Ethoxylates (c911, 48eo)	68439463	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates (C9-11, 4-8EO)	Alcohol Ethoxylates (c911, 48eo)	68439463	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates (C9-11, 4-8EO)	Alcohol Ethoxylates (c911)	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 4-8EO)	C911 PARETH3	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 4-8EO)	C911 PARETH6	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 4-8EO)	C911 PARETH8	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 5-11EO, branched)	Alcohol ethoxylates (C911, 511EO, branched)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates (C9-11, 6-10EO)	Alcohol ethoxylates (C911, 610EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol Ethoxylates Blend (C12-18 & C12-16)	Alcohol Ethoxylates Blend (c1218 & C1216)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alcohol Ethoxylates, Propoxylated (C10-16, 6-7EO, 0-3PO)	Alcohol Ethoxylates, Propoxylated (C1016, 67EO, 03PO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C12-14)	Alcohol Ethoxylates (c1214) Propoxylated	68439510	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C12-14)	Alcohol Ethoxylates (c1214) Propoxylated	68439510	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates, propoxylated (C12-14)	Alcohol Ethoxylates, Propoxylated (c1214)	68439510	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C12-14)	Ppg10Laureth7	68439510	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol Ethoxylates, Propoxylated (C12-15, 2-6EO, 2-6PO)	Alcohol Ethoxylates, Propoxylated (c1215, 26EO, 26PO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES, PROPOXYLATED (C12-15)	Alcohol Ethoxylates Propoxylated (c1215)	68551-13-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL ETHOXYLATES, PROPOXYLATED (C12-15)	Alcohol Ethoxylates, Propoxylated (c1215)	68551133	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C12-15) branched and linear	Alcohol Ethoxylates, Propoxylated (c1215) Branched And Linear	120313486	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C6-10)	Alcohol Ethoxylates, Propoxylated (c610)	68987815	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated (C6-10)	Alcohol Ethoxylates, Propoxylated (c610)	68987815	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohol ethoxylates, propoxylated (C6-10)	Alcohol Ethoxylates, Propoxylated (c610)	68987815	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohol ethoxylates, propoxylated (C6-12)	Alcohol Ethoxylates, Propoxylated (c612)	68937666	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxylates, propoxylated fumerated (C6-10)	Alcohol Ethoxylates, Propoxylated Fumerated (c610)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohol ethoxysulfates	Alcohol ethoxysulfates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOL SULPHATE	ALCOHOL SULPHATE	61711259	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ALCOHOL SULPHATE	ALCOHOL SULPHATE	61711259	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohols, C12-15-branched and linear, ethoxylated	Alcohol Ethoxylates (c1215)	106232831	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alcohols, C12-15-branched and linear, ethoxylated	Alcohol Ethoxylates (c1215)	106232831	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alcohols, C12-15-branched and linear, ethoxylated	Alcohols, C1215branched and linear, ethoxylated	106232831	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ALCOHOLS, C12-18, ETHOXYLATED PROPOXYLATED	Alcohols, C1218, ethoxylated propoxylated	69227210	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohols, C13-15 branched and linear, butoxylated ethoxylated	Alcohols, C1315 Branched And Linear, Butoxylated Ethoxylated	111905534	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOLS, C16-18, ETHOXYLATED PROPOXYLATED	Alcohols, C1618, ethoxylated propoxylated	68002960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alcohols, C16-22, ethoxylated	Alcohols, C1622, ethoxylated	69227209	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALCOHOLS, C8-10, ETHOXYLATED PROPOXYLATED	Alcohols, C810, ethoxylated propoxylated	68603258	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALGAE OLIGOSACCHARIDES	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE PEPTIDES	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE/SEAWEED/KELP (species unspecified)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE/SEAWEED/KELP EXTRACT (species unspecified)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE/SEAWEED/KELP OIL (species unspecified)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE/SEAWEED/KELP POWDER (species unspecified)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGAE OYL PHYTOSPHINGOSINE	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ALGIN	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alkyl benzyl dimethyl ammonium chloride mixture	BENZALKONIUMCHLORIDE	8001545	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
Alkyl C12-16 Dimethylbenzylammonium Chloride	Alkyl C1216 Dimethylbenzylammonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alkyl dimethyl amine oxide (C12-16)	Alkyl dimethyl amine oxide (C1216)	85408497	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alkyl dimethyl amine oxide (C12-16)	Alkyl dimethyl amine oxide (C1216)	85408497	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alkyl Dimethyl Amine Oxide (C12-18)	Amines, C1218alkyldimethyl, Noxides	68955555	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alkyl Dimethyl Amine Oxide (C12-18)	Amines, C1218alkyldimethyl, Noxides	68955555	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alkyl dimethyl amine oxides (C10-16)	Alkyl dimethyl amine oxides (C1016)	70592802	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alkyl dimethyl amine oxides (C10-16)	Alkyl dimethyl amine oxides (C1016)	70592802	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alkyl dimethyl amine oxides (C10-16)	Amines, C1016alkyldimethyl, Noxides	70592802	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alkyl dimethyl amine oxides (C10-16)	Amines, C1016alkyldimethyl, Noxides	70592802	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	BENZALKONIUMCHLORIDE	68424851	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	BENZALKONIUMCHLORIDE	68391015	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
Alkyl Ether Sulfates (C12-15, 1-3EO)	Alkyl Ether Sulfates (C1215, 13EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alkyl Ether Sulfates (C16-18, 3-4EO)	Alkyl Ether Sulfates (C1618, 34EO)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alkyl Polyglucoside (C10-16)	Alkyl Polyglucoside (C1016)	110615479	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Alkyl Polyglucoside (C10-16)	Alkyl Polyglucoside (C1016)	110615479	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
Alkyl polyglucoside (C8-10)	Alkyl polyglucoside (C810)	68515731	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Alkyl polyglucoside (C8-10)	Alkyl polyglucoside (C810)	68515731	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
Alkyl polyglucoside (C8-16)	Alkyl polyglucoside (C816)	141464428	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Alkyl polyglucoside (C8-16)	Alkyl polyglucoside (C816)	141464428	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Alkyl polyglucoside (C9-11)	Alkyl polyglucoside (C911)	132778086	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Alkyl polyglucoside (C9-11)	Alkyl polyglucoside (C911)	132778086	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
Alkyl polyglycol ether C8-10 with EO	Alkyl polyglycol ether C810 with EO	71060576	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Alkyl polyglycol ether C8-10 with EO	Alkyl polyglycol ether C810 with EO	71060576	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Alkyl polyglycol ether C8-10 with EO	Alkyl polyglycol ether C810 with EO	71060576	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Alkylphenol ethoxylates	ALKYLPHENOL ETHOXYLATES		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALLIUM SATIVUM (GARLIC)	ALLIUM SATIVUM (GARLIC)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
ALLYL 2-METHYLBUTOXYACETATE	ALLYL 2METHYLBUTOXYACETATE	67634019	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL 3,5,5-TRIMETHYLHEXANOATE	Allyl 3,5,5-trimethylhexanoate	71500373	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL BUTYRATE	ALLYL BUTYRATE	2051787	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CAPROATE	ALLYL CAPROATE	123682	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CINNAMATE	ALLYL CINNAMATE	1866315	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLACETATE	ALLYL CYCLOHEXYLACETATE	4728829	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLOXYACETATE	ALLYL CYCLOHEXYLOXYACETATE	68901155	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLPROPIONATE	Allyl 3-cyclohexylpropionate	2705875	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ALLYL CYCLOHEXYLPROPIONATE	ALLYL CYCLOHEXYLPROPIONATE	2705875	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL HEPTANOATE	ALLYL HEPTANOATE	142198	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL ISOVALERATE	Allyl isovalerate	2835394	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL METHACRYLATES CROSSPOLYMER	ALLYL METHACRYLATES CROSSPOLYMER	182212-41-5	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ALLYL NONANOATE	ALLYL NONANOATE	7493723	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL OCTANOATE	ALLYL OCTANOATE	4230971	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PHENETHYL ETHER	Allyl phenethyl ether	14289657	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETATE	7493745	Allyl esters should only be used when the level of free allyl alcohol in the ester is less than 0.1%. This recommendation is based on the delayed irritant potential of allyl alcohol.	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETATE	7493745	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETATE	7493745	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETATE	7493745	The International Fragrance Association restricts the level of free allyl alcohol in the ester to a maximum concentration of less than 0.1%.	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETATE	7493745	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ALLYL PHENYLACETATE	ALLYL PHENYLACETATE	1797746	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PROPIONATE	ALLYL PROPIONATE	2408200	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ALLYL TRIMETHYLHEXANOATE	Allyl trimethylhexanoate	68132809	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALMOND OIL PEG-6 ESTERS	Almond Oil Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALMOND OIL PEG-8 ESTERS	Almond Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALOE ANDONGENSIS EXTRACT	ALOE ANDONGENSIS EXTRACT	84837-08-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ANDONGENSIS LEAF JUICE	ALOE ANDONGENSIS LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE ARBORESCENS LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF JUICE	ALOE ARBORESCENS LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF PROTOPLASTS	ALOE ARBORESCENS LEAF PROTOPLASTS		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA)	ALOE BARBADENSIS (ALOE VERA)	8001976	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA)	ALOE BARBADENSIS LEAF	8001-97-6	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) EXTRACT	ALOE BARBADENSIS (ALOE VERA) EXTRACT	85507693	California Prop65 lists nondecolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) EXTRACT	ALOE BARBADENSIS (ALOE VERA) EXTRACT	85507693	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) FLOWER EXTRACT	ALOE BARBADENSIS (ALOE VERA) EXTRACT	85507693	California Prop65 lists nondecolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) FLOWER EXTRACT	ALOE BARBADENSIS (ALOE VERA) EXTRACT	85507693	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) FLOWER EXTRACT	ALOE BARBADENSIS FLOWER EXTRACT	85507-69-3	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT	ALOE BARBADENSIS LEAF EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE BARBADENSIS (ALOE VERA) GEL	94349629	California Prop65 lists nondecolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE BARBADENSIS (ALOE VERA) GEL	94349629	The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE BARBADENSIS LEAF JUICE		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ALOE BARBADENSIS LEAF POLYSACCHARIDES	ALOE BARBADENSIS LEAF POLYSACCHARIDES		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS LEAF WATER	ALOE BARBADENSIS LEAF WATER		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX (CAPE ALOE) LEAF EXTRACT	ALOE FEROX LEAF EXTRACT	84649-82-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX LEAF JUICE	ALOE FEROX LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX LEAF JUICE EXTRACT	ALOE FEROX LEAF JUICE EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	alphaDAMASCONE (TMCHB)	43052875; 23726945	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ALPHA-DAMASCONE	alphaDAMASCONE (TMCHB)	43052875; 23726945	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ALPHA-DAMASCONE	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ALPHA-ISOMETHYL IONONE	alphaISOMETHYL IONONE	127515	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ALPHA-ISOMETHYL IONONE	alphaMethyl ionone	7779308	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ALPHA-ISOMETHYL IONONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ALPHA-ISOMETHYL IONONE	3Methyl4(2,6,6trimethyl2cyclohexen1yl)3buten2one	127515	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of 3Methyl4(2,6,6trimethyl2cyclohexen1yl)3buten2one be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
alpha-METHYL-alpha-IONONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
alpha-METHYL-beta-IONONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
alpha-pinene	ALPHAPINENE	80568	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
alpha-PINENES	ALPHAPINENE	80568	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
alpha-PINENES	ALPHAPINENE	80568	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of alphapinene be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
alpha-SANTALOL	alphasantalol	115719	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
alpha-SANTALOL	alphasantalol	115719	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of alphasantalol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ALUMINUM CHLOROXYDREX PEG	Aluminum Chloroxydrex Peg	173762817	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALUMINUM DICHLOROXYDREX PEG	Aluminum Dichloroxydrex Peg	173720804	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALUMINUM SESQUICHLOROXYDREX PEG	Aluminum Sesquichloroxydrex Peg		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ALUMINUM ZIRCONIUM TETRACHLOROXYDREX PEG	ALUMINUM ZIRCONIUM TETRACHLOROXYDREX PEG		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMINES, C12-14-TERT-ALKYL, ETHOXYLATED	Amines, C12-14tertalkyl, ethoxylated	73138279	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Amines, C12-14-tert-alkyl, ethoxylated propoxylated	Amines, C12-14tertalkyl, ethoxylated propoxylated	68603587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMINES, TALLOW ALKYL, ETHOXYLATED	Amines, tallow alkyl, ethoxylated	61791444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMINES, TALLOW ALKYL, ETHOXYLATED	Ethoxylated Tallowalkylamines	61791444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMINOETHYLPROPANEDIOL-ACRYLATES/ACRYLAMIDE COPOLYMER	AMINOETHYLPROPANEDIOLACRYLATES/ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
AMINOPROPYL DIMETHICONE	AMINOPROPYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
AMINOPROPYL PHENYL TRIMETHICONE	AMINOPROPYL PHENYL TRIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
AMMONIUM ACRYLATES COPOLYMER	AMMONIUM ACRYLATES COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
AMMONIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	AMMONIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
AMMONIUM ACRYLOYLDIMETHYL TAURATE/ BEHENETH-25 METHACRYLATE COPOLYMER	AMMONIUM ACRYLOYLDIMETHYL TAURATE/ BEHENETH25 METHACRYLATE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM ACRYLOYLDIMETHYL TAURATE/BEHENETH-25 METHACRYLATE CROSSPOLYMER	Ammonium Acryloyldimethyltaurate/Beheneth25 Methacrylate Crosspolymer	15625895	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
AMMONIUM ACRYLOYLDIMETHYLTAURATE/LAURETH-7 METHACRYLATE COPOLYMER	Ammonium Acryloyldimethyltaurate/laureth7 Methacrylate Copolymer	683748074	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/STEARETH-25 METHACRYLATE CROSSPOLYMER	Ammonium Acryloyldimethyltaurate/Steareth25 Methacrylate Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM ALKYL SULFATE (C10-C16)	Sulfuric acid, monoC1016alkyl esters, sodium salts	68585477	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
AMMONIUM ALKYL SULFATE (C10-C16)	Sulfuric acid, monoC1016alkyl esters, sodium salts	68585477	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
AMMONIUM C12-15 ALKYL SULFATE	AMMONIUM C1215 ALKYL SULFATE	68815612	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
AMMONIUM C12-15 ALKYL SULFATE	AMMONIUM C1215 ALKYL SULFATE	68815612	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
AMMONIUM C12-15 PARETH SULFATE	AMMONIUM C1215 PARETH SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM CUMENESULFONATE	Ammonium cumene sulfonate	37475880	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
AMMONIUM DIMETHICONE PEG-7 SULFATE	Ammonium Dimethicone Peg7 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM FORMATE	Formic acid, ammonium salt	540692	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
AMMONIUM GLYCYYRHIZATE	AMMONIUM GLYCYYRHIZATE	53956-04-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, toxic metals and heavy metals.	
AMMONIUM HYDROXIDE	AMMONIUM HYDROXIDE	1336-21-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
AMMONIUM LAURETH SULFATE	AMMONIUM LAURETH SULFATE	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth12 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth5 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth7 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth9 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH-12 SULFATE	Ammonium Laureth12 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH-5 SULFATE	Ammonium Laureth5 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH-6 CARBOXYLATE	Ammonium Laureth6 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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AMMONIUM LAURETH-7 SULFATE	Ammonium Laureth7 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH-8 CARBOXYLATE	Ammonium Laureth8 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURETH-9 SULFATE	Ammonium Laureth9 Sulfate	32612489	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM LAURYL SULFATE	Sulfuric acid, monododecyl ester, ammoniumsalts	2235543	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
AMMONIUM LAURYL SULFATE	Sulfuric acid, monododecyl ester, ammoniumsalts	2235543	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
AMMONIUM NONOXYNOL-30 SULFATE	Ammonium Nonoxynol30 Sulfate	31691971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM NONOXYNOL-4-SULFATE	Ammonium Nonoxynol30 Sulfate	31691971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM NONOXYNOL-4-SULFATE	Ammonium Nonoxynol4Sulfate	31691971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM POLYACRYLATE	AMMONIUM POLYACRYLATE	9003-03-6	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Ammonium Polyethylene Glycol Branched-Nonylphenyl Ether Sulfate	Ammonium Polyethylene Glycol BranchedNonylphenyl Ether Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM STYRENE/ACRYLATES COPOLYMER	AMMONIUM STYRENE/ACRYLATE S COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
AMMONIUM STYRENE/ACRYLATES/ETHYLHEXYL ACRYLATE/LAURYL ACRYLATE COPOLYMER	AMMONIUM STYRENE/ACRYLATE S/ETHYLHEXYL ACRYLATE/LAURYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
AMMONIUM THIOGLYCOLATE	AMMONIUM THIOGLYCOLATE	5421465	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
AMMONIUM VA/ACRYLATES COPOLYMER	AMMONIUM VA/ACRYLATES COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
AMMONIUM XYLENE-SULFONATE	Ammonium Xylene Sulfonate	26447109	This ingredient is nonanaerobically degradable therefore its use should be limited. Sum usage limited to 5%.	
AMMONIUM, DIETHYLMETHYL(2-(4-(2-NONOXYBENZAMIDO)BENZOYLOXY)ETHYL)-, BROMIDE	Ammonium, Diethylmethyl(2(4(2N onoxybenzamido)ben zoyloxy)ethyl), Bromide	26187-16-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMMONIUM, DIETHYLMETHYL(2-(4-(2-NONOXYBENZAMIDO)BENZOYLOXY)ETHYL)-, IODIDE	Ammonium, Diethylmethyl(2(4(2N onoxybenzamido)ben zoyloxy)ethyl), Iodide	26095-60-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AMODIMETHICONE	AMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
AMODIMETHICONE/SILSESQUIOXANE COPOLYMER	AMODIMETHICONE/SILSESQUIOXANE COPOLYMER	67923-07-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
AMP-ACRYLATES COPOLYMER	AMP-ACRYLATES COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
AMYL CINNAMYL ALCOHOL	AMYL CINNAMYL ALCOHOL	101859	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
AMYL CINNAMYL ALCOHOL	αAmyl cinnamic alcohol	101859	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
AMYL CINNAMYL ALCOHOL	Amylcinnamyl alcohol	101859	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Amylcinnamyl alcohol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
AMYL SALICYLATE	AMYL SALICYLATE	2050080	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
AMYL SALICYLATE	AMYL SALICYLATE	2050080	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of Amyl Salicylate be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
AMYLASE	Amylase	9000924	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
AMYLASE, ALPHA-	Amylase, alpha	9000902	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
AMYLASE, BETA-	AMYLASE, BETA	9000913	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
AMYL CINNAMALDEHYDE	AMYL CINNAMALDEHYDE	122407	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
AMYL CINNAMALDEHYDE	αAmyl cinnamic aldehyde	122407	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
AMYL CINNAMALDEHYDE	Amyl cinnamal	122407	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Amyl cinnamal be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
AMYL VINYL CARBINYL ACETATE	IOCTEN3YL ACETATE	2442106	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in household cleaning products.	
ANATASE	ANATASE	1317-70-0	Per the U.S. FDA, titanium dioxide shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Antimony (as Sb), not more than 2 parts per million. Mercury (as Hg), not more than 1 part per million. Loss on ignition at 800 °C. (after drying for 3 hours at 105 °C.), not more than 0.5 percent. Water soluble substances, not more than 0.3 percent. Acid soluble substances, not more than 0.5 percent. TiO ₂ , not less than 99.0 percent after drying for 3 hours at 105 °C. Lead, arsenic, and antimony shall be determined in the solution obtained by boiling 10 grams of the titanium dioxide for 15 minutes in 50 milliliters of 0.5N hydrochloric acid.	x
ANGELICA ROOT OIL	Angelica root oil	8015643	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ANGELICA ROOT OIL	Angelica seed oil	8015643	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ANGELICA SEED OIL	Angelica seed oil	8015643	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ANIBA ROSAEODORA (ROSEWOOD) FLOWER OIL	ROSE FLOWER OIL (ROSA SPP.)		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose flower oil (rosa spp.) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ANIBA ROSAEODORA (ROSEWOOD) OIL	Rosewood oil	8015778	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ANISE ALCOHOL	ANISE ALCOHOL	105135	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ANISE ALCOHOL	Anisyl alcohol	105135; 1331813	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ANISE ALCOHOL	Anisyl alcohol	105135	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Anisyl alcohol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
ANISE EXTRACT	ANISE EXTRACT	84650599	Estragole is restricted to 0.01% or less in the finished product.	
ANISIC ALDEHYDE	PMETHOXYBENZALDEHYDE	123115	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
Anisyl alcohol (o-,m-,p-)	Anisyl alcohol	105135; 1331813	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
Apium Graveolens (Celery) Seed Oil	Celery seed extract	8015905	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Apium Graveolens (Celery) Seed Oil	Celery seed oil	8015905	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
APPLE CIDER CONCENTRATES	APPLE CIDER CONCENTRATES		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
APRICOT KERNEL OIL PEG-40 ESTERS	Apricot Kernel Oil Peg40 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
APRICOT KERNEL OIL PEG-6 ESTERS	Apricot Kernel Oil Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
APRICOT KERNEL OIL PEG-8 ESTERS	Apricot Kernel Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ARACHIDIC ACID	Arachidic acid	506309	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ARGAN OIL PEG-8 ESTERS	Argan Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ARGILLA	Smectitegroup minerals	12199370	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	
ARTEMISIA ARBORESCENS HERB OIL	ARTEMISIA ARBORESCENS HERB OIL	92113092	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ARTEMISIA DRACUNCULUS	ARTEMISIA DRACUNCULUS		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ARTEMISIA DRACUNCULUS	ARTEMISIA DRACUNCULUS		Estragole is restricted to 0.01% or less in the finished product.	
Artemisia Dracunculus (Tarragon) Oil	Tarragon oil	8016884	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Artemisia Dracunculus (Tarragon) Oil	Artemisia Dracunculus (Tarragon) Oil	8016884	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
Artemisia Dracunculus (Tarragon) Oil	Artemisia Dracunculus (Tarragon) Oil	8016884	Estragole is restricted to 0.01% or less in the finished product.	
ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT	ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT	ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
ARTEMISIA DRACUNCULUS HERB EXTRACT	ARTEMISIA DRACUNCULUS HERB EXTRACT	90131456	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ARTEMISIA DRACUNCULUS HERB EXTRACT	ARTEMISIA DRACUNCULUS HERB EXTRACT	90131456	Estragole is restricted to 0.01% or less in the finished product.	
ARTEMISIA DRACUNCULUS LEAF/STEM EXTRACT	ARTEMISIA DRACUNCULUS LEAF/STEM EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ARTEMISIA DRACUNCULUS LEAF/STEM EXTRACT	ARTEMISIA DRACUNCULUS LEAF/STEM EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
ARTEMISIA HERBA-ALBA HERB OIL	Artemisia herbaalba oil	84775757	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ARTEMISIA HERBA-ALBA OIL	Artemisia herbaalba oil	84775757	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ARTEMISIA VULGARIS (MUGWORT) EXTRACT	Artemisia herbaalba, ext.	84775451	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ARTEMISIA VULGARIS OIL	Armoise oil	68991208	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ASARUM CANADENSE ROOT OIL	ASARUM CANADENSE ROOT OIL	89957733	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ASCOPHYLLUM NODOSUM (KNOTTED WRACK) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ASCOPHYLLUM NODOSUM POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ASPARTIC ACID	Aspartic Acid	617458	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ASPARTIC ACID, DL-	Aspartic Acid	617458	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ASPERGILLUS/RICE FERMENT FILTRATE	ASPERGILLUS/RICE FERMENT FILTRATE		This substance may not contain detectable levels of aflatoxins, which are produced by some species of Aspergillus.	
ASTRAGALUS GUMMIFER GUM	ASTRAGALUS GUMMIFER GUM	9000-65-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
AVENA SATIVA (OAT) KERNEL FLOUR	AVENA SATIVA (OAT) KERNEL FLOUR	134134864	The Cosmetic Ingredient Review identified heavy metals as a possible contaminant therefore this substance must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	x
AVOCADO OIL PEG-11 ESTERS	Avocado Oil Peg11 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AVOCADO OIL PEG-8 ESTERS	Avocado Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
AZELAIC ACID	AZELAIC ACID	123-99-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3% in leaveon products and 10% in rinseoff products.	
Aziridine, homopolymer, ethoxylated	Aziridine, homopolymer, ethoxylated	68130994	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BALSAM TOLU	Tolu, balsam, gum	9000-64-0	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BAROSMA BETULINA LEAF EXTRACT	BAROSMA BETULINA LEAF EXTRACT	84649934	Limited to 0.1% due to classification 'may cause an allergic skin reaction' (GHS H317 1).	
Bay oil, sweet (Laurus nobilis L.)	LAURUS NOBILIS	8002413; 8007485; 84603736	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Bay oil, terpeneless	Bay oil, terpeneless	68916052	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
Bay oil, terpeneless	Bay oil, terpeneless	68916052	Estragole is restricted to 0.01% or less in the finished product.	
BEHENETH-30	Beheneth30	26636408	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BEHENOXY DIMETHICONE	BEHENOXY DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BEHENOXY PEG-10 DIMETHICONE	BEHENOXY PEG-10 DIMETHICONE	1136947-78-8	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BEHENTRIMONIUM DIMETHICONE PEG-8 PHTHALATE	Behentrimonium Dimethicone Peg8 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BEHENYL DIMETHICONE	BEHENYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BENZALDEHYDE	benzaldehyde	100527	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZALDEHYDE	benzaldehyde	100527	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
BENZALDEHYDE	benzaldehyde	100527	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of Benzaldehyde be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BENZALKONIUM BROMIDE	BENZALKONIUM BROMIDE	91080294	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
BENZALKONIUM CHLORIDE	BENZALKONIUMCHLORIDE	61789717	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
BENZALKONIUM CHLORIDE	BENZALKONIUMCHLORIDE	68391015	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
BENZALKONIUM CHLORIDE	BENZALKONIUMCHLORIDE	68424851	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
BENZALKONIUM CHLORIDE	BENZALKONIUMCHLORIDE	8001545	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
BENZALKONIUM CHLORIDE	BENZALKONIUMCHLORIDE	85409229	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinseoff products.	
Benzene, C14-30-alkyl derivatives	Benzene, C1430alkyl derivatives	68855243	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
BENZENE, C14-30-ALKYL DERIVS.	Benzene, C1430alkyl derivatives	68855243	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
BENZENEMETHANAMINIUM, AR-DODECYL-N,N-DIMETHYL-N-TETRADECYL-, CHLORIDE	BENZENEMETHANAMINIUM, AR-DODECYL-N,N-DIMETHYL-N-TETRADECYL-, CHLORIDE	87175-02-8	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
BENZENEPROPANAL, 4-METHOXY-ALPHA-METHYL-	4Methoxyamethylbenzenepropanal	5462066	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
Benzenesulfonic acid, C10-16-alkyl derivative	Benzenesulfonic acid, C1016alkyl derivative	68584225	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Benzenesulfonic acid, dodecyl(sulfophenoxy)-, disodium salt	Sodium Dodecyl DiphenylEther Disulfonate	28519020	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Benzenesulfonic acid, oxybis(decyl)-, disodium salt	Benzenesulfonic acid, oxybis(decyl), disodium salt	70146133	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
BENZENESULFONIC ACID, SODIUM SALT	Sodium Benzenesulfonate	515424	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BENZETHONIUM CHLORIDE	Benzenemethanaminium, N,NdimethylN[2[2[4(1,3,3,tetramethylbutyl)phenoxy]ethoxy]ethyl], chloride	121540	The European Commission restricts this ingredient to a maximum concentration of 0.10% in rinseoff products and leaveon products (with the exception of oral products).	
BENZETHONIUM CHLORIDE	BENZETHONIUMCHLORIDE	121540	Health Canada restricts this ingredient to a maximum concentration of 0.2% in leaveon products and 0.3% in rinseoff products. Additionally, the ingredient cannot be used in products applied to mucous membranes.	
BENZETHONIUM CHLORIDE	BENZETHONIUMCHLORIDE	121-54-0	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinseoff products (not applied to mucosa).	
BENZOIC ACID	Benzoic acid	65850	Benzoic acid and its benzoate salts are restricted to 2.5% in liquid hand washing soap and detergent (EU restriction for rinseoff), 3% in sprays (H318Eye damage) and 10% in other product categories except automatic laundry and dish detergent (H315skin irritation).	
Benzoic acid, 2-hydroxy-, 2-methylbutyl ester	2Methylbutyl salicylate	51115630	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZOIN GUM	Benzoin gum, Siam	9000720	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZOPHENONE-5	SODIUMHYDROXYMETHOXYBENZOPHENONESULFONATE	6628-37-1	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
BENZOPHENONE-6	Dihydroxydimethoxybenzophenone	131-54-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
BENZYL ALCOHOL	benzyl alcohol	100516	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZYL ALCOHOL	benzyl alcohol	100516	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
BENZYL ALCOHOL	benzyl alcohol	100516	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Benzyl alcohol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
BENZYL BENZOATE	benzyl benzoate	120514	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZYL BENZOATE	benzyl benzoate	120514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
BENZYL BENZOATE	benzyl benzoate	120514	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Benzyl benzoate be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
BENZYL CINNAMATE	Benzyl cinnamate	103413	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZYL CINNAMATE	Benzyl cinnamate	103413	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
BENZYL CINNAMATE	Benzyl cinnamate	103413	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Benzyl cinnamate be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
BENZYL SALICYLATE	Benzyl salicylate	118581	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BENZYL SALICYLATE	Benzyl salicylate	118581	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
BENZYL SALICYLATE	Benzyl salicylate	118581	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Benzyl salicylate be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Benzyl-Polyethylene Glycol tert-Octylphenyl Ether	BenzylPolyethylene Glycol tertOctylphenyl Ether	60864337	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BENZYLHEMIFORMAL	Methanol, (phenylmethoxy)	14548608	The European Commission restricts this ingredient to a maximum concentration of 0.15% in rinseoff products.	
BERTHOLLETIA EXCELSA SEED OIL PEG-8 ESTERS	Bertholletia Excelsa Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BETA VULGARIS (COMMON BEET)	BETA VULGARIS (COMMON BEET)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
BETA-CARYOPHYLLENE	BETACARYOPHYLLENE	87445	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BETA-CARYOPHYLLENE	BETACARYOPHYLLENE	87445	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of betacaryophyllene be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
beta-Mannanase	betaMannanase	37288543	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
beta-PINENES	BETAPINENE	127913	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
beta-PINENES	BETAPINENE	127913	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of betapinene be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
beta-SANTALOL	betaSantalol	77429	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
beta-SANTALOL	betaSantalol	77429	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of betasantalol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
BETAINE	BETAINE	107437	This substance may not contain detectable levels of heavy metals, dioxins, polycyclic aromatic hydrocarbons, or polychlorinated biphenyls.	
BETULA ALBA (BIRCH) LEAF OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ALBA (BIRCH) LEAF OIL EXTRACT	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ALBA (BIRCH) OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ALBA OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA LENTA (BIRCH) BARK OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA LENTA (SWEET BIRCH) OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BETULA NIGRA (BIRCH) OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA PENDULA TWIG OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA PUBESCENS TWIG OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BICYCLO[2.2.1]HEPTAN-2-ONE, 1,7,7-TRIMETHYL-, (1R)	CAMPHOR	76222; 464493	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BIRCH TAR OIL	Birch wood pyrolysate	8001885; 84012157; 85940290; 68917500	The International Fragrance Association prohibits use of the crude material and restricts the total benzopyrene and 1,2benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BIS ISOBUTYL PEG/PPG-20/35/AMODIMETHICONE COPOLYMER	BIS ISOBUTYL PEG/PPG-20/35/AMODIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS PG-AMODIMETHICONE	BIS PG-AMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-BUTYLDIMETHICONE POLYGLYCERYL-3	BIS-BUTYLDIMETHICONE POLYGLYCERYL-3		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-BUTYLOXYAMODIMETHICONE/PEG-60 COPOLYMER	BisButyloxyamodimethicone/peg60 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-CETEARYL AMODIMETHICONE	BIS-CETEARYL AMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-HYDROXY/METHOXY AMODIMETHICONE	BIS-HYDROXY/METHOXY AMODIMETHICONE	831241-93-1	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-HYDROXYETHOXYPROPYL DIMETHICONE	BIS-HYDROXYETHOXYPROPYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-HYDROXYETHOXYPROPYL DIMETHICONE BEESWAX ESTERS	BIS-HYDROXYETHOXYPROPYL DIMETHICONE BEESWAX ESTERS		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-HYDROXYETHOXYPROPYL DIMETHICONE/IPDI COPOLYMER ETHYL CARBAMATE	BIS-HYDROXYETHOXYPROPYL DIMETHICONE/IPDI COPOLYMER ETHYL CARBAMATE	628723-36-4	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-HYDROXYETHOXYPROPYL DIMETHICONE/IPDI/SORBITAN STEARATE COPOLYMER	BISHYDROXYETHOXYPROPYL DIMETHICONE/IPDI/SORBITAN STEARATE COPOLYMER	668988065	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BIS-HYDROXYLAURYL DIMETHICONE/IPDI COPOLYMER	BIS-HYDROXYLAURYL DIMETHICONE/IPDI COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-ISOBUTYL PEG-14/AMODIMETHICONE COPOLYMER	BISISOBUTYL PEG14/AMODIMETHICONE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-ISOBUTYL PEG-14/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG-14/AMODIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-ISOBUTYL PEG-14/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG-14/AMODIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-ISOBUTYL PEG-15/AMODIMETHICONE COPOLYMER	BISISOBUTYL PEG15/AMODIMETHICONE COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-1 DIMETHICONE	BisPeg1 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-12 DIMETHICONE	BisPeg12 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-12 DIMETHICONE	BIS-PEG-12 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-12 DIMETHICONE BEESWAX	BisPeg12 Dimethicone Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-12 DIMETHICONE BEESWAX	BIS-PEG-12 DIMETHICONE BEESWAX		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-12 DIMETHICONE CANDELILLATE	BisPeg12 Dimethicone Candelillate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-12 DIMETHICONE CANDELILLATE	BIS-PEG-12 DIMETHICONE CANDELILLATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-15 DIMETHICONE/ IPDI COPOLYMER	BisPeg15 Dimethicone/ Ipdi Copolymer	190793181	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-15 DIMETHICONE/ IPDI COPOLYMER	BIS-PEG-15 DIMETHICONE/ IPDI COPOLYMER	190793-18-1	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-15 METHYL ETHER DIMETHICONE	BisPeg15 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BIS-PEG-15 METHYL ETHER DIMETHICONE	BIS-PEG-15 METHYL ETHER DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-18 METHYL ETHER	BisPeg18 Methyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-18 METHYL ETHER DIMETHYL SILANE	BisPeg18 Methyl Ether Dimethyl Silane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-20 DIMETHICONE	BisPeg20 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-4 DIMETHICONE	BisPeg4 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-4 DIMETHICONE	BIS-PEG-4 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG-8 DIMETHICONE	BisPeg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG-8 DIMETHICONE	BIS-PEG-8 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG/ PPG-14/ 14 DIMETHICONE	BisPeg/ Ppg14/ 14 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG/ PPG-14/ 14 DIMETHICONE	BIS-PEG/ PPG-14/ 14 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG/ PPG-16/ 16 DIMETHICONE	BisPeg/ Ppg16/ 16 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG/ PPG-16/ 16 DIMETHICONE	BIS-PEG/ PPG-16/ 16 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG/ PPG-20/ 20 DIMETHICONE	BisPeg/ Ppg20/ 20 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BIS-PEG/ PPG-20/ 20 DIMETHICONE	BIS-PEG/ PPG-20/ 20 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-PEG/PPG-16/16 PEG/PPG-16/16 DIMETHICONE	BisPeg/ppg16/16 Peg/ppg16/16 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BIS-PEG/PPG-16/16 PEG/PPG-16/16 DIMETHICONE	BIS-PEG/PPG-16/16 PEG/PPG-16/16 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-STEARYL DIMETHICONE	BIS-STEARYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS-VINYL DIMETHICONE/DIMETHICONE COPOLYMER	BIS-VINYL DIMETHICONE/DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BIS(C13-15 ALKOXY) PG-AMODIMETHICONE	BIS(C13-15 ALKOXY) PG-AMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BISAMINO PEG/ PPG-41/ 3 AMINOETHYL PG-PROPYL DIMETHICONE	Bisamino Peg/ Ppg41/ 3 Aminoethyl PgPropyl Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BISAMINO PEG/ PPG-41/ 3 AMINOETHYL PG-PROPYL DIMETHICONE	BISAMINO PEG/ PPG-41/ 3 AMINOETHYL PG-PROPYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BISMUTH CITRATE	BISMUTH CITRATE	813-93-4	Per the U.S. FDA., the color additive bismuth citrate shall conform to the following specifications and shall be free from impurities other than those named to the extent that those impurities may be avoided by good manufacturing practice: Bismuth citrate, not less than 97 percent. Mercury (as Hg), not more than 1 part per million. Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 20 parts per million. Volatile matter, not more than 1 percent.	x
BISMUTH OXYCHLORIDE	BISMUTH OXYCHLORIDE	7787-59-9	Per the U.S. FDA., the color additive bismuth oxychloride shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Volatile matter, not more than 0.5 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million. Bismuth oxychloride, not less than 98 percent.; (2) Color additive mixtures of bismuth oxychloride may contain the following diluents: (i) For coloring cosmetics generally, only those diluents listed under § 73.1001(a)(1) & (ii) For coloring externally applied cosmetics, only those diluents listed in § 73.1001(b) and, in addition, nitrocellulose.	x
BISPOLYETHYLENE DIMETHICONE	Bispolyethylene Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BITTER CHERRY SEED OIL PEG-8 ESTERS	Bitter Cherry Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BORAGE SEED OIL PEG-8 ESTERS	Borage Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BORIC ACID	BORIC ACID	13460-50-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
BORIC ACID, SODIUM SALT, PENTAHYDRATE	Boric acid, sodium salt pentahydrate	11130124	Lowest effective concentration needed for enzyme stabilization but no more than 3% (as boric acid).	
BOSWELLIA SACRA (FRANKINCENSE) OIL	Olibanum absolute	8016362	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BOSWELLIA SACRA (FRANKINCENSE) OIL	Olibanum oil	8016362	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Bran absolute	Bran absolute	68916767	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Branched alcohol ethoxylates	Branched Alcohol Ethoxylates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BRASSICA OLERACEA (ORNAMENTAL CABBAGE)	BRASSICA OLERACEA (ORNAMENTAL CABBAGE)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
Bucchu oil crenalata	Bucchu oil, crenalata	92346855	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
BULNESIA SARMIENTOI WOOD OIL	BULNESIA SARMIENTOI WOOD OIL	89958101	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
Butene, homopolymer	POLYBUTENE	9003296	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
BUTETH-3	Buteth3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BUTYL ACRYLATE/ETHYLHEXYL METHACRYLATE COPOLYMER	BUTYL ACRYLATE/ETHYLHEXYL METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
BUTYL ACRYLATE/GLYCOL DIMETHACRYLATE CROSSPOLYMER	BUTYL ACRYLATE/GLYCOL DIMETHACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
BUTYL ACRYLATE/HYDROXYETHYL METHACRYLATE COPOLYMER	BUTYL ACRYLATE/HYDROXYETHYL METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
BUTYL ACRYLATE/HYDROXYPROPYL DIMETHICONE ACRYLATE COPOLYMER	BUTYL ACRYLATE/HYDROXYPROPYL DIMETHICONE ACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
BUTYL BENZOIC ACID/PHTHALIC ANHYDRIDE/TRIMETHYLOLETHANE COPOLYMER	Butyl Benzoic Acid/phthalic Anhydride/trimethylol ethane Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
BUTYL CINNAMALDEHYDE	αButylcinnamaldehyde	7492446	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
Butyl D-glucoside	Butyl Dglucoside	29074042	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Butyl D-glucoside	Butyl Dglucoside	29074042	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
BUTYL DIMETHICONE ACRYLATE/CYCLOHEXYLMETHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER	BUTYL DIMETHICONE ACRYLATE/CYCLOHEXYLMETHACRYLATE/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
BUTYL GLUCOSIDE	Butyl Glucoside	5391184	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
BUTYL GLUCOSIDE	Butyl Glucoside	5391184	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C10 Alcohol Ethoxylate	C10 Alcohol Ethoxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C10 Alcohol Ethoxylated Propoxylated	C10 Alcohol Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C10-12 Branched Alcohols Ethoxylated 5-7EO	C1012 Branched Alcohols Ethoxylated 57eo		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C10-16 Alcohols Ethoxylated Propoxylated	C1016 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C10-16 Pareth-1	C1016 PARETH1		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C11-15 PARETH-7 CARBOXYLIC ACID	C1115 Pareth7 Carboxylic Acid	68954905	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C11-15 SEC-PARETH-12	C1115 SECPARETH12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-13 PARETH-5 CARBOXYLIC ACID	Poly(oxy1,2ethanediyl), alpha(carboxymethyl) omegahydroxy, C1213alkyl ethers	70750173	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
C12-13 PARETH-5 CARBOXYLIC ACID	Poly(oxy1,2ethanediyl), alpha(carboxymethyl) omegahydroxy, C1213alkyl ethers	70750173	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-13 PARETH-5 CARBOXYLIC ACID	Poly(oxy1,2ethanediyl), alpha(carboxymethyl) omegahydroxy, C1213alkyl ethers	70750173	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
C12-13 PARETH-7	C1213 PARETH7	66455149	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-14 Alcohols Ethoxylated Propoxylated	C1214 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-14 Pareth-11	C1214 Pareth11		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-14 PARETH-3	C1214 PARETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-14 PARETH-7	C1214 PARETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
C12-14 SEC-PARETH-3	C1214 SECPARETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 Alcohols Ethoxylated Propoxylated	C1215 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 PARETH-2	C1215 PARETH2	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 PARETH-3	C1215 PARETH3	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 PARETH-5	C1215 PARETH5	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 PARETH-7	C1215 PARETH7	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-15 PARETH-9	C1215 PARETH9	68131395	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-16 Alcohols Ethoxylated 7EO	C1216 Alcohols Ethoxylated 7eo		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-16 ALKYL PEG-2 HYDROXYPROPYL HYDROXYETHYL ETHYLCELLULOSE	C1216 Alkyl Peg2 Hydroxypropyl Hydroxyethyl Ethylcellulose		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-16 PARETH-7	C1216 PARETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-16 PARETH-9	C1216 PARETH9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-20 ACID PEG-20 ESTER	C1220 Acid Peg20 Ester		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C12-20 ACID PEG-8 ESTER	C1220 Acid Peg8 Ester		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C13-15 ALKANE	C1315 ALKANE	64742467	CosIng Annex II/875: 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.	
C14-15 PARETH-7	C1415 PARETH7	68951677	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C16-18 Fatty Acids	C1618 Fatty Acids	67701035	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
C16-18 Fatty Acids	Fatty acids, C1618	67701035	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
C20-24 ALKYL DIMETHICONE	C20-24 ALKYL DIMETHICONE	200074-76-6	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
C24-28 ALKYL DIMETHICONE	C24-28 ALKYL DIMETHICONE	192230-29-8	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C24-28 ALKYL DIMETHICONE	C24-28 ALKYL DIMETHICONE	192230-29-8	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C24-28 ALKYL METHICONE	C24-28 ALKYL METHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C26-28 ALKYL DIMETHICONE	C26-28 ALKYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C30-45 ALKYL CETEARYL DIMETHICONE CROSSPOLYMER	C30-45 ALKYL CETEARYL DIMETHICONE CROSSPOLYMER	443892-05-5	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C30-45 ALKYL DIMETHICONE	C30-45 ALKYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C30-45 ALKYL DIMETHICONE/POLYCYCLOHEXENE OXIDE CROSSPOLYMER	C30-45 ALKYL DIMETHICONE/POLY CYCLOHEXENE OXIDE CROSSPOLYMER	330809-27-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C30-45 ALKYL DIMETHICONE/POLYCYCLOHEXENE OXIDE CROSSPOLYMER	C30-45 ALKYL DIMETHICONE/POLY CYCLOHEXENE OXIDE CROSSPOLYMER	330809-27-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C30-45 ALKYL METHICONE	C30-45 ALKYL METHICONE	246864-88-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C4-24 ALKYL DIMETHICONE/DIVINYLDIMETHICONE CROSSPOLYMER	C4-24 ALKYL DIMETHICONE/DIVINYLDIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
C6-12 Alcohols Ethoxylated Propoxylated	C612 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C6-20 Alcohols Ethoxylated Propoxylated	C620 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C8-10 Alcohols Ethoxylated Propoxylated	C810 Alcohols Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
C8-22 ALKYL ACRYLATES/METHACRYLIC ACID CROSSPOLYMER	C8-22 ALKYL ACRYLATES/METHACRYLIC ACID CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
C9-11 Alcohols Ethoxylated 4-6EO	C911 Alcohols Ethoxylated 46eo		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C9-11 PARETH-3	C911 PARETH3	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C9-11 PARETH-6	C911 PARETH6	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
C9-11 PARETH-8	C911 PARETH8	68439463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CADE OIL	Cade oil (Juniperus oxycedrus L.)	8013103; 90046029	Crude cade oil derived by pyrolysis of the wood and twigs of Juniperus oxycedrus L. should not be used as a fragrance ingredient. Only rectified (purified) cade oils being in compliance with the maximum limit for polynuclear aromatic hydrocarbons should be used. Limit content of polynuclear aromatic hydrocarbons (PAH) resulting from the use of rectified oils according to Good Manufacturing Practice. Benzopyrene and 1,2Benzanthracene are to be used as markers for PAH. If used alone or in combination with rectified Birch tar oils, rectified Opoponax oil or rectified Styrax oil, the total concentration of both of the markers should not exceed 1 ppb in the final product.	
CAJEPUT OIL	Cajeput oil	8008988	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CALCIUM CARBONATE	Calcium carbonate	471341	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CALCIUM HYDROXIDE	Calcium dihydroxide	1305620	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CALCIUM PEROXIDE	CALCIUM PEROXIDE	1305799	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
CALCIUM POTASSIUM CARBOMER	CALCIUM POTASSIUM CARBOMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
CALCIUM SILICATE	Calcium silicate	10101390; 1344952	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CALCIUM THIOGLYCOLATE	CALCIUM THIOGLYCOLATE	814711	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
CALCIUM XYLENESULFONATE	Calcium Xylene Sulfonate	28088633	This ingredient is nonanaerobically degradable therefore its use should be limited. Sum usage limited to 5%.	
CAMELLIA SINENSIS (GREEN TEA) LEAF EXTRACT	Tea leaf absolute	84650602	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CAMELLIA SINENSIS (GREEN TEA) LEAF EXTRACT	Teal leaf absolute	84650602	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CAMPHOR	CAMPHOR	76222; 464493	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CAMPHOR	CAMPHOR	21368-68-3	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of camphor be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CANANGA ODORATA (YLANG YLANG)	CANANGA ODORATA (YLANG YLANG)		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA (YLANG YLANG) EXTRACT	Ylangylang extract	83863303	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) EXTRACT	CANANGA ODORATA (YLANG YLANG) EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA (YLANG YLANG) OIL	CANANGA ODORATA and Ylangylang oil	83863303	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang Ylang Extracts	8006813; 68606837; 83863303	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil extra	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil extra super	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil I	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil II	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang ylang oil III	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA (YLANG YLANG) OIL	CANANGA ODORATA and Ylangylang oil	83863303	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cananga odorata and ylangylang oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CANANGA ODORATA (YLANG YLANG) OIL	CANANGA ODORATA (YLANG YLANG) OIL	93686307	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA FLOWER EXTRACT(YLANG)	CANANGA ODORATA and Ylangylang oil	83863303	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA FLOWER EXTRACT(YLANG)	Ylang Ylang Extracts	8006813; 68606837; 83863303	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CANANGA ODORATA FLOWER EXTRACT(YLANG)	Ylangylang extract	83863303	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA FLOWER EXTRACT(YLANG)	CANANGA ODORATA and Ylangylang oil	83863303	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cananga odorata and ylangylang oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CANANGA ODORATA FLOWER EXTRACT(YLANG)	CANANGA ODORATA FLOWER EXTRACT(YLANG)	83863303	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA FLOWER WATER	CANANGA ODORATA and Ylangylang oil	83863303	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CANANGA ODORATA FLOWER WATER	Ylangylang extract	83863303	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANANGA ODORATA FLOWER WATER	CANANGA ODORATA and Ylangylang oil	83863303	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cananga odorata and ylangylang oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CANANGA ODORATA FLOWER WATER	CANANGA ODORATA FLOWER EXTRACT(YLANG)	83863303	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA MACROPHYLLA FLOWER EXTRACT(CANANGA)	CANANGA ODORATA (YLANG YLANG) OIL	93686307	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANANGA ODORATA MACROPHYLLA FLOWER EXTRACT(CANANGA)	CANANGA ODORATA MACROPHYLLA FLOWER EXTRACT(CANANGA)	93686307	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANARIUM LUZONICUM (ELEMI) GUM	CANARIUM LUZONICUM (ELEMI) GUM		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES	Elemi oil	8023890	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES	Elemi resinoid	8023890	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES	Elemi resinoid P	8023890	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES	CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES	8023890	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANARIUM LUZONICUM (ELEMI) OIL	Elemi oil	8023890	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CANARIUM LUZONICUM (ELEMI) OIL	CANARIUM LUZONICUM (ELEMI) OIL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CANNABIDIOL	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIDIOL	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABINOL	cannabinol	521-35-7	This ingredient is prohibited from use in products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2% (based on EU regulations).	x
CANNABINOL	cannabinol	521-35-7	EWG restricts the THC (delta9tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g, based on Canadian regulations.	x
CANNABIS	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIS	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP)	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CANNABIS SATIVA (HEMP)	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP) ACID	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIS SATIVA (HEMP) ACID	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP) EXTRACT	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIS SATIVA (HEMP) EXTRACT	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP) SEED OIL	CANNAISSATIVASE EDOIL	8016248	Health Canada restricts the THC (delta9tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA FLOWER/LEAF/STEM EXTRACT	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIS SATIVA FLOWER/LEAF/STEM EXTRACT	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA SEED OIL PEG-8 ESTERS	CANNABIS SATIVA SEED OIL PEG8 ESTERS		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CAPRIC ACID	Decanoic acid	334485	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CAPROIC ACID	Hexanoic acid	142621	Use limited to 5% due to classification as 'causes sever skin burns and eye damage' (GHS H314) and 'toxic in contact with skin' (GHS H311) but is allowed at a restricted concentration since it is a fatty acid approved for food consumption.	
CAPROIC ACID	Hexanoic acid	142621	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Capryl Glucoside	Capryl Glucoside		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Capryl Glucoside	Capryl Glucoside		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
Caprylamidopropyl Betaine	1Propanaminium, N(carboxymethyl)N,N dimethyl3[(10xooctyl) amino], inner salt	73772460	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
CAPRYLIC ACID	octanoic acid/caprylic acid	124072	Use limited to 5% due to classification as 'causes sever skin burns and eye damage' (GHS H314) and 'toxic in contact with skin' (GHS H311) but is allowed at a restricted concentration since it is a fatty acid approved for food consumption.	
CAPRYLIC ACID	octanoic acid/caprylic acid	124072	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CAPRYLIC/CAPRIC TRIGLYCERIDE PEG-4 ESTERS	Caprylic/capric Triglyceride Peg4 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CAPRYLOYL/CAPROYL METHYL GLUCAMIDE	CAPRYLOYL/CAPROYL METHYL GLUCAMIDE	1591782625	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
CAPRYLYL DIMETHICONE ETHOXY GLUCOSIDE	CAPRYLYL DIMETHICONE ETHOXY GLUCOSIDE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CAPRYLYL GLUCOSIDE	Caprylyl Glucoside	29836268	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
CAPRYLYL GLUCOSIDE	Caprylyl Glucoside	29836-26-8	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
CAPRYLYL METHICONE	CAPRYLYL METHICONE	17955-88-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CAPRYLYL TRIMETHICONE	CAPRYLYL TRIMETHICONE	187593-69-7	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CAPRYLYL/ CAPRYL GLUCOSIDE	CAPRYLYL/ CAPRYL GLUCOSIDE		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
CAPRYLYL/ CAPRYL GLUCOSIDE	CAPRYLYL/ CAPRYL GLUCOSIDE		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
CAPRYLYL/ CAPRYL GLYCOSIDE	CAPRYLYL/ CAPRYL GLYCOSIDE		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
CAPRYLYL/ CAPRYL GLYCOSIDE	CAPRYLYL/ CAPRYL GLYCOSIDE		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
Caprylyl/Myristyl Glucoside	Caprylyl/Myristyl Glucoside		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Caprylyl/Myristyl Glucoside	Caprylyl/Myristyl Glucoside		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
CAPSICUM ANNUUM	CAPSICUM ANNUUM		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
CARAMEL	CARAMEL		Per the U.S. FDA., caramel shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 0.1 part per million.	x
CARAMEL COLOR	Caramel IV	8028-89-5	This ingredient should not contain detectable levels of 4methylimidazole, 2methylimidazole, furan, or 5hydroxymethyl2furaldehyde.	
CARAMEL COLOR	CARAMEL COLOR	8028-89-5	Per the U.S. FDA., caramel shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 0.1 part per million.	x
Caramel I	Caramel I	8028-89-5	Per the U.S. FDA., caramel shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 0.1 part per million.	x
Caramel III	Caramel III	8028-89-5	This ingredient should not contain detectable levels of 4methylimidazole, 2methylimidazole, furan, or 5hydroxymethyl2furaldehyde.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Caramel III	Caramel III	8028-89-5	Per the U.S. FDA., caramel shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 0.1 part per million.	x
Caramel IV	Caramel IV	8028-89-5	This ingredient should not contain detectable levels of 4methylimidazole, 2methylimidazole, furan, or 5hydroxymethyl2furaldehyde.	
Caramel IV	Caramel IV	8028-89-5	Per the U.S. FDA., caramel shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 0.1 part per million.	x
CARBOMER	CARBOMER	9062-04-8	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Carbon black (Uncertified D&C Black No. 2)	Color additives subject to batch certification	1333-86-4	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Carbon black (Uncertified D&C Black No. 2)	D&C Black No. 2	1333864	This substance is not allowed in powder, spray or aerosol products because the International Agency for Research on Cancer lists this chemical as a Possible Human Carcinogen (Group 2B) and California Prop65 lists this chemical as known to cause cancer when in a respirable form.	
Carnation absolute (Dianthus caryophyllus)	Carnation absolute	8021430	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARUM CARVI (CARAWAY) FRUIT OIL	Caraway seed oil	8000428	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARUM CARVI (CARAWAY) SEED OIL	Caraway seed oil	8000428	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARUM PETROSELINUM (PARSLEY) SEED OIL	Parsley herb oil	8000688	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARUM PETROSELINUM (PARSLEY) SEED OIL	Parsley seed oil	8000688	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARVACROL	CARVACROL	499752	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARVONE	CARVONE	99490	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARVONE	CARVONE	99490; 2244168; 6485401	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CARVONE	CARVONE	99490; 6485401; 2244168	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CARVONE	CARVONE	99-49-0	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of carvone be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CAS: 31726-34-8	Hexyl poly(oxyethylene) ether	31726348	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CAS: 31726-34-8	Hexyl poly(oxyethylene) ether	31726348	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CAS: 31726-34-8	Hexyl poly(oxyethylene) ether	31726348	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
CASHMERAN	6,7Dihydro1,1,2,3,3pentamethyl4(5H)indanone (DPMI)	33704619	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CASSIA HYDROXYPROPYLTRIMONIUM CHLORIDE	CASSIA HYDROXYPROPYLTRIMONIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% in rinseoff products.	
Cassie ext	Cassie absolute	8023823	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CASTOR OIL BIS-HYDROXYPROPYL DIMETHICONE ESTERS	CASTOR OIL BIS-HYDROXYPROPYL DIMETHICONE ESTERS		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CASTOR OIL, SULFATED, SODIUM SALT	CASTOR OIL, SULFATED, SODIUM SALT	68187768	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CEDARWOOD	CEDARWOOD		Cedrus atlantica is an endangered species, according to the International Union for Conservation of Nature. Substances derived from C. atlantica should not be used, unless harvested and produced sustainably.	
CEDRUS ATLANTICA (ATLAS CEDAR) BARK OIL	JUNIPERUS VIRGINIANA	8000279; 85085412	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA BARK OIL	92201553	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA BARK OIL	92201553	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cedrus atlantica bark oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CELLULASE	cellulase	9012548	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
CELLULASE	cellulase	9012548	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
CELLULASE	cellulase	9037405	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
CEROTYL DIMETHICONE	CEROTYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CEROTYL DIMETHICONE	CEROTYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122189	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
CETALKONIUM CHLORIDE	CETALKONIUM CHLORIDE	122-18-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
CETEARALKONIUM BROMIDE	CETEARALKONIUM BROMIDE		The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
CETEARETH ALCOHOL	Ceteareth Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-10	CETEARETH10	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-10 PHOSPHATE	Ceteareth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-100	CETEARETH100	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETEARETH-11	CETEARETH11	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-13	CETEARETH13	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-14	CETEARETH14		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-15	CETEARETH15	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-16	CETEARETH16	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-16-18	Ceteareth1618		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-17	CETEARETH17	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-18	CETEARETH18	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-2	CETEARETH2	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-2 PHOSPHATE	Ceteareth2 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	Alcohol Ethoxylates (c1618, 25eo)	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH10	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH100	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH11	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH13	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH15	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH16	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH17	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETEARETH-20	CETEARETH6	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH60	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH7	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH8	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH80	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-20	CETEARETH9	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-21	Ceteareth21		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-22	CETEARETH22	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-23	CETEARETH23	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-24	CETEARETH24		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-25	CETEARETH25	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-25 CARBOXYLIC ACID	Ceteareth25 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-27	CETEARETH27	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-28	CETEARETH28	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-29	CETEARETH29	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-3	CETEARETH3	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-30	CETEARETH30	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-33	CETEARETH33	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETEARETH-34	CETEARETH34	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-4	CETEARETH4	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-4 PHOSPHATE	Ceteareth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-40	CETEARETH40	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-5	CETEARETH5	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-5 PHOSPHATE	Ceteareth5 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-50	CETEARETH50	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-55	CETEARETH55	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-6	CETEARETH6	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-6 OLIVATE	Ceteareth6 Oliviate	226708414	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-60	CETEARETH60	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-60 MYRISTYL GLYCOL	Ceteareth60 Myristyl Glycol	96081399	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-7	CETEARETH7	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-7 STEARATE	Ceteareth7 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-8	CETEARETH8	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-80	CETEARETH80	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARETH-9	CETEARETH9	68439496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETEARYL ALCOHOL/ CETEARETH-20	Cetearyl Alcohol/ Ceteareth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETEARYL DIMETHICONE	CETEARYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETEARYL DIMETHICONE CROSSPOLYMER	CETEARYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETEARYL METHICONE	CETEARYL METHICONE	999999-93-8	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETETH-1	CETETH1	2136712	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-10	CETETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-10 PHOSPHATE	Ceteth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-10 STEARATE	Ceteth10 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-12	CETETH12	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-13	Ceteth13		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-14	CETETH14	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-15	CETETH15	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-150	Ceteth150		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-16	CETETH16	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-17	Ceteth17		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-18	Ceteth18		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-2	CETETH2	5274613	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH12	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETETH-20	CETETH14	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH15	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH16	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH20	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH24	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH25	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH30	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20	CETETH45	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-20 PHOSPHATE	Ceteth20 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-23	Ceteth23		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-24	CETETH24	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-25	CETETH25	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-3	CETETH3	4484597	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-3 STEARATE	Ceteth3 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-30	CETETH30	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-4	CETETH4	5274635	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-4 STEARATE	Ceteth4 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-40	Ceteth40		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETETH-45	CETETH45	9004959	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-5	CETETH5	4478971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-5 STEARATE	Ceteth5 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-56	Ceteth56		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-6	CETETH6	5168912	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-7	Ceteth7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-7 STEARATE	Ceteth7 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-8	Ceteth8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-8 PHOSPHATE	Ceteth8 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETH-9 STEARATE	Ceteth9 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETHYL MORPHOLINIUM ETHOSULFATE	CETETHYL MORPHOLINIUM ETHOSULFATE	78-21-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETETHYLDIMONIUM BROMIDE	Cetethyldimonium Bromide	124-03-8	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-10	CETOLETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-11	CETOLETH11	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-11	CETOLETH15	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-11	CETOLETH22	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-11	CETOLETH24	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-11	CETOLETH25	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETOLETH-11	CETOLETH6	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-15	CETOLETH15	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-18	CETOLETH18	68155-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-2	CETOLETH2	68155-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-20	CETOLETH20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-22	CETOLETH22	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-24	CETOLETH24	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-25	CETOLETH25	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-30	CETOLETH30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-4	CETOLETH4	68155-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-5	CETOLETH5	68155-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETOLETH-6	CETOLETH6	8065814	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETRIMONIUM CARBOXYDECYL PEG-8 DIMETHICONE	Cetrimonium Carboxydecyl Peg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETRIMONIUM CARBOXYDECYL PEG-8 DIMETHICONE	CETRIMONIUM CARBOXYDECYL PEG-8 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETRIMONIUM DIMETHICONE PEG-7 PHTHALATE	Cetrimonium Dimethicone Peg7 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETRIMONIUM LAURETH-12 SUCCINATE	Cetrimonium Laureth12 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL ALCOHOL	Hexadecanol (C16)	36653824	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETYL BEHENYL DIMETHICONE	CETYL BEHENYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL BETAINE	Cetyl Betaine	693334	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CETYL BETAINE	Cetyl Betaine	693334	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
CETYL DIMETHICONE	CETYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL DIMETHICONE/BIS-VINYLDIMETHICONE CROSSPOLYMER	CETYL DIMETHICONE/BIS-VINYLDIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL PEG/ PPG-10/ 1 DIMETHICONE	Cetyl Peg/ Ppg10/ 1 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL PEG/ PPG-10/ 1 DIMETHICONE	CETYL PEG/ PPG-10/ 1 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL PEG/PPG-15/15 BUTYL ETHER DIMETHICONE	Cetyl Peg/ppg15/15 Butyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL PEG/PPG-7/3 DIMETHICONE	Cetyl Peg/ppg7/3 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL PPG-2 ISODECETH-7 CARBOXYLATE	Cetyl Ppg2 Isodeceth7 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL TRIETHYLAMMONIUM DIMETHICONE COPOLYOL PHTHALATE	CETYL TRIETHYLAMMONIUM DIMETHICONE COPOLYOL PHTHALATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 PHTHALATE	Cetyl Triethylammonium Dimethicone Peg8 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL TRIETHYLAMMONIUM DIMETHICONE COPOLYOL SUCCINATE	CETYL TRIETHYLAMMONIUM DIMETHICONE COPOLYOL SUCCINATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 PHTHALATE	Cetyl Triethylammonium Dimethicone Peg8 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 PHTHALATE	CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 PHTHALATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 SUCCINATE	Cetyl Triethylammonium Dimethicone Peg8 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CETYL TRIETHYLMONIUM DIMETHICONE PEG-8 SUCCINATE	CETYL TRIETHYLMONIUM DIMETHICONE PEG-8 SUCCINATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CETYLPIRIDINIUM CHLORIDE	CETYLPIRIDINIUM CHLORIDE	123-03-5	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in rinseoff products (not applied to mucosa).	
CEYLON CINNAMON OIL	Cinnamon bark extract	8015916	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CEYLON CINNAMON OIL	Cinnamon bark oil	8015916	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CEYLON CINNAMON OIL	Cinnamon leaf oil	8015916	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CEYLON CINNAMON OIL	CEYLON CINNAMON OIL	8015916	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CHAMOMILLA RECUTITA (MATRICARIA) FLOWER EXTRACT	CHAMOMILLA RECUTITA (MATRICARIA) FLOWER EXTRACT	84082600	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317B).	
CHAMOMILLA RECUTITA (MATRICARIA) FLOWER EXTRACT	Matricaria recutita, ext.	8002662	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317B).	
CHAMOMILLA RECUTITA (MATRICARIA) FLOWER OIL	Matricaria recutita, ext.	8002662	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317B).	
Chicken	Chicken		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
CHLORAMINE T	CHLORAMINET	127-65-1	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinseoff products (not applied to mucosa).	
CHLORELLA VULGARIS (DERMOCHLORELLA ALGAE)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CHLORELLA VULGARIS (DERMOCHLORELLA ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CHLORHEXIDINE	Chlorhexidine	55-56-1	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in rinseoff products (not applied to mucosa).	
CHLORHEXIDINE DIGLUCONATE	DGLUCONIC ACID	526954	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CHLORHEXIDINE DIHYDROCHLORIDE	CHLORHEXIDINEHYDROCHLORIDE	3697-42-5	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinseoff products (not applied to mucosa).	
CHLORIMIDE	CHLORIMIDE	3400-09-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
CHLORODECETH-14	Chlorodeceth14		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHLORPHENESIN	CHLORPHENESIN	104-29-0	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinseoff products (not applied to mucosa).	
CHOLECALCIFEROL PEG-12 ETHER	Cholecalciferol Peg12 Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-10	Choleth10	27321966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-15	Choleth15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CHOLETH-20	Choleth20	27321966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-24	Choleth10	27321966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-24	Choleth20	27321966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-24	CHOLETH24	27321966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-24	CHOLETH24	27321-96-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane.	
CHOLETH-30	Choleth30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHOLETH-5	Choleth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CHONDRUS CRISPUS (SEAWEED) EXTRACT.	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CHROMIC ACID	CHROMIC ACID	1308-14-1	Per the U.S. FDA, chromium hydroxide green shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Water soluble matter, not more than 2.5%. Chromium in 2% NaOH extract, not more than 0.1% as Cr2O3 (based on sample weight). Boron (as B2O3), not more than 8 percent. Total volatile matter at 1000 °C, not more than 20%. Cr2O3 not less than 75%. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million.	x
CHROMIUM HYDROXIDE GREEN	CHROMIUM HYDROXIDE GREEN	12001-99-9	Per the U.S. FDA, chromium hydroxide green shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Water soluble matter, not more than 2.5%. Chromium in 2% NaOH extract, not more than 0.1% as Cr2O3 (based on sample weight). Boron (as B2O3), not more than 8 percent. Total volatile matter at 1000 °C, not more than 20%. Cr2O3 not less than 75%. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million.	x
CHROMIUM OXIDE GREENS	CHROMIUM OXIDE GREENS	1308-38-9	Per the U.S. FDA, the color additive chromium oxide greens shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Chromium in 2% NaOH extract, not more than 0.075% as Cr2O3 (based on sample weight). Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 20 parts per million. Mercury (as Hg), not more than 1 part per million. Cr2O3, not less than 95%.	x
CI 15850 (D&C Red No. 6 or 7)	Color additives subject to batch certification	5858-81-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7)	CI 15850	5858-81-1	This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CI 15850 (D&C Red No. 6 or 7) Barium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7) Barium Lake	CI 15850		This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
CI 15850 (D&C Red No. 6 or 7) Calcium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7) Calcium Lake	CI 15850		This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
CI 15850 (D&C Red No. 6 or 7) Lake	Color additives subject to batch certification	5281-04-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7) Lake	CI 15850	5281-04-9	This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
CI 15850 (D&C Red No. 6 or 7) Strontium Lake	Color additives subject to batch certification	5858-81-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7) Strontium Lake	CI 15850	5858-81-1	This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
CI 15850 (D&C Red No. 6 or 7) Zirconium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 15850 (D&C Red No. 6 or 7) Zirconium Lake	CI 15850		This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
CI 42090 (FD&C Blue No. 1 or D&C Blue No. 4)	Color additives subject to batch certification	3844-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 42090 (FD&C Blue No. 1 or D&C Blue No. 4)	CI 42090	3844-45-9	This substance must contain less than: 100 ppm manganese, 2 ppm lead, 1 ppm mercury, 1 ppm cadmium, and 100 ppm unsulfonated primary aromatic amines.	
CI 42090 (FD&C Blue No. 1 or D&C Blue No. 4) Aluminum Lake	Color additives subject to batch certification	53026-57-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 42090 (FD&C Blue No. 1 or D&C Blue No. 4) Aluminum Lake	CI 42090	53026-57-6	This substance must contain less than: 100 ppm manganese, 2 ppm lead, 1 ppm mercury, 1 ppm cadmium, and 100 ppm unsulfonated primary aromatic amines.	
CI 42520	4[(4Aminomtolyl)(4i mino3methylcyclohex a2,5dienylidene)meth yl]otoluidine monohydrochloride	3248-91-7	The European Commission restricts this ingredient to a maximum concentration of 5 ppm in rinseoff products.	
CI 45350 (D&C Yellow No. 7 or 8)	Color additives subject to batch certification	2321-07-5	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45350 (D&C Yellow No. 7 or 8)	CI 45350	2321-07-5	The European Commission restricts this ingredient to a maximum concentration of 6%	
CI 45350 (D&C Yellow No. 7 or 8) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45350 (D&C Yellow No. 7 or 8) Lake	CI 45350		The European Commission restricts this ingredient to a maximum concentration of 6%	
CI 45380 (D&C Red No. 21 or 22)	Color additives subject to batch certification	15086-94-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45380 (D&C Red No. 21 or 22) Barium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45380 (D&C Red No. 21 or 22) Lake	Color additives subject to batch certification	15086-94-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45380 (D&C Red No. 21 or 22) Zirconium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45410 (D&C Red No. 27 or 28)	Color additives subject to batch certification	2134-15-8	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45410 (D&C Red No. 27 or 28) Calcium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CI 45410 (D&C Red No. 27 or 28) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45410 (D&C Red No. 27 or 28) Zirconium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45425 (D&C Orange No. 10 or 11)	Color additives subject to batch certification	518-40-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 45425 (D&C Orange No. 10 or 11) Lake	Color additives subject to batch certification	38577-97-8	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
CI 75120	CI 75120	542-40-5	Per the U.S. FDA, annatto extract, including pigments precipitated therefrom, shall conform to the following specifications: (1) Arsenic (as As), not more than 3 parts per million; lead as Pb, not more than 10 parts per million. (2) When solvents listed under paragraph (a)(1)(ii) of this section are used, annatto extract shall contain no more solvent residue than is permitted of the corresponding solvents in spice oleoresins under applicable food additive regulations in parts 170 through 189 of this chapter.	x
CI 75130	CI 75130	7235-40-7	Per the U.S. FDA, β-carotene shall conform to the following specifications: Physical state, solid. 1 percent solution in chloroform, clear. Loss of weight on drying, not more than 0.2 percent. Residue on ignition, not more than 0.2 percent. Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 3 parts per million. Assay (spectrophotometric), 96-101 percent.	x
CI 75170	CI 75170	73-40-5	Per the U.S. FDA, the color additive guanine shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Guanine, not less than 75 percent. Hypoxanthine, not more than 25 percent. Ash (ignition at 800 °C), not more than 2 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Assay, not less than 96 percent total purines. Mercury (as Hg), not more than 1 part per million.; (2) Color additive mixtures of guanine may contain the following diluents: (i) For coloring cosmetics generally, only those diluents listed under § 73.1001(a)(1) & (ii) For coloring externally applied cosmetics, only those diluents listed in § 73.1001(b) and, in addition, nitrocellulose.	x
CI 75470	CI 75470	1390-65-4	Per the U.S. FDA., carmine shall conform to the following specifications: Volatile matter (at 135 °C. for 3 hours), not more than 20.0 percent. Ash, not more than 12.0 percent. Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Carminic acid, not less than 50.0 percent.	x
CI 75810	CI 75810	11006-34-1	Per the U.S. FDA., potassium sodium copper chlorophyllin shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Moisture, not more than 5.0 percent. Nitrogen, not more than 5.0 percent. pH of 1 percent solution, 9 to 11. Total copper, not less than 4 percent and not more than 6 percent. Free copper, not more than 0.25 percent. Iron, not more than 0.5 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 5 parts per million. Ratio, absorbance at 405 mμ to absorbance at 630 mμ, not less than 3.4 and not more than 3.9. Total color, not less than 75 percent.	x
CI 77000	CI 77000	7429-90-5	Per the U.S. FDA., aluminum powder shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Fineness, 100 percent shall pass through a 200-mesh screen and 95 percent shall pass through a 325-mesh screen. Mercury, not more than 1 part per million. Arsenic, not more than 3 parts per million. Lead, not more than 20 parts per million. Aluminum, not less than 99 percent.	x
CI 77004	BENTONITE	1302789	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CI 77015	CI 77015	1309-37-1	Per the U.S. FDA, iron oxides shall conform to the following specifications, all on an "as is" basis: Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 10 parts per million. Mercury (as Hg), not more than 3 parts per million.	x
CI 77220	Calcium carbonate	471341	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CI 77400	CI 77400	7440-50-8	Per the U.S. FDA, copper powder shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Stearic or oleic acid, not more than 5 percent. Cadmium (as Cd), not more than 15 parts per million. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million. Copper (as Cu), not less than 95 percent. Maximum particle size 45µ (95 percent minimum).	x
CI 77499	CI 77499	1332-37-2	Per the U.S. FDA, iron oxides shall conform to the following specifications, all on an "as is" basis: Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 10 parts per million. Mercury (as Hg), not more than 3 parts per million.	x
CI 77510	CI 77510		Per the U.S. FDA, ferric ammonium ferrocyanide shall conform to the following specifications and shall be free of impurities other than those named to the extent that the other impurities may be avoided by good manufacturing practice: Oxalic acid or its salts, not more than 0.1 percent. Water soluble matter, not more than 3 percent. Water soluble cyanide, not more than 10 parts per million. Volatile matter, not more than 4 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Nickel (as Ni), not more than 200 parts per million. Cobalt (as Co), not more than 200 parts per million. Mercury (as Hg), not more than 1 part per million. Total iron (as Fe corrected for volatile matter), not less than 33 percent and not more than 39 percent.	x
CI 77820	CI 77820	7440-22-4	Per the U.S. FDA, silver shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 5 parts per million. Mercury (as Hg), not more than 1 part per million. Silver (as Ag), not less than 99.9 percent.	x
CINNAMAL	Cinnamal	104552	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMAL	Cinnamic Aldehyde	104552	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.05% in household cleaning products.	
CINNAMAL	Cinnamal	104552	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Cinnamal be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
CINNAMALDEHYDE DIMETHYL ACETAL	Cinnamic aldehyde dimethyl acetal	4364061	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CINNAMOMUM CAMPHORA (CAMPHOR) EXTRACT	CINNAMOMUM CAMPHORA (CAMPHOR) EXTRACT		Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM CAMPHORA (CAMPHOR) LEAF EXTRACT	CINNAMOMUM CAMPHORA (CAMPHOR) LEAF EXTRACT	92201-50-8	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM CAMPHORA (CAMPHOR) OIL	Camphor oil, white	8008513	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMOMUM CAMPHORA (CAMPHOR) OIL	CINNAMOMUM CAMPHORA (CAMPHOR) OIL	8008-51-3	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM CAMPHORA (CAMPHOR) OIL	CINNAMOMUM CAMPHORA (CAMPHOR) OIL	8008513	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM CAMPHORA GUM EXTRACT	CINNAMOMUM CAMPHORA GUM EXTRACT		Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL	Cassia bark extract	8007805	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL	Cassia oil	8007805	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL	CINNAMOMUM CASSIA LEAF OIL	8007805	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL	CINNAMOMUM CASSIA LEAF OIL	8007805	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cinnamomum cassia leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CINNAMOMUM ZEYLANICUM (CINNAMON) LEAF OIL	CINNAMOMUM ZEYLANICUM (CINNAMON) LEAF OIL	8015916	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
CINNAMOMUM ZEYLANICUM (CINNAMON) LEAF OIL	CEYLON CINNAMON OIL	8015916	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM ZEYLANICUM (CINNAMON) LEAF OIL	CINNAMOMUM ZEYLANICUM (CINNAMON) LEAF OIL	8015916	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CINNAMOMUM ZEYLANICUM BARK OIL	CINNAMOMUM ZEYLANICUM BARK OIL	84649986	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMOMUM ZEYLANICUM BARK OIL	CINNAMOMUM ZEYLANICUM BARK OIL	84649-98-9	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cinnamomum zeylanicum bark oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CINNAMONITRILE	Cinnamyl nitrile	1885387; 4360478	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.13% in household cleaning products.	
CINNAMONUM CASSIA (CINNAMON) BARK EXTRACT	Cinnamon bark extract	8015916	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMYL ALCOHOL	Cinnamic alcohol	104541	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.4% in household cleaning products.	
CINNAMYL ALCOHOL	Cinnamyl alcohol	104541	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CINNAMYL ALCOHOL	Cinnamyl alcohol	104541	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Cinnamyl alcohol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
cis-3-HEXENYL SALICYLATE	3Hexenyl salicylate	65405778	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cis-ROSE KETONE-2	cisbetaDAMASCONE	23726923	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cis-ROSE KETONE-2	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
cis-ROSE KETONE-2	cisbetaDAMASCONE	23726923	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cisbetadamascone be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CISTUS LADANIFERUS OIL	Cistus oil	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CISTUS LADANIFERUS OIL	Labdanum concrete	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CISTUS LADANIFERUS OIL	Labdanum gum	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CISTUS LADANIFERUS OIL	Labdanum oil	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CISTUS LADANIFERUS OIL	Labdanum oleoresin	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cistus ladaniferus resin absolute	Cistus oil	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cistus ladaniferus resin absolute	Labdanum concrete	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cistus ladaniferus resin absolute	Labdanum gum	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cistus ladaniferus resin absolute	Labdanum oil	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
cistus ladaniferus resin absolute	Labdanum oleoresin	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CISTUS OIL	Cistus oil	8016260	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRAL	citral	5392405	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRAL	citral	5392405; 141275; 106263	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CITRAL	citral	5392405	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Citral be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
CITRIC ACID, MONOHYDRATE	Citric acid, monohydrate	5949291	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
CITRIC ACID, MONOHYDRATE	Citric acid, monohydrate	5949291	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
CITRON OIL	Citron oil	68991253	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRONELLAL	CITRONELLAL	106230	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRONELLOL	Citronellol	106229	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRONELLOL	Citronellol	106229; 1117619; 26489010; 6812788; 141253; 68916438; 7540514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CITRONELLOL	RHODINOL	6812788	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRONELLOL	Citronellol	106229	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Citronellol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
CITRONELLYL ACETATE	CITRONELLYL ACETATE	150845	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRONELLYLOXY ACETALDEHYDE	CITRONELLOXYACETALDEHYDE	7492673	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063528	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	Lime oil distilled	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	Lime oil folded	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	LIME OIL, EXPRESSED	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) OIL	Lime oil distilled	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) OIL	Lime oil folded	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) OIL	LIME OIL, EXPRESSED	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	Lime oil distilled	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	Lime oil folded	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	LIME OIL, EXPRESSED	8008262	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM AMARA	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE)	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER EXTRACT	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER OIL	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER WATER	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER WAX	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT	CITRUS AURANTIUM (BITTER ORANGE) FRUIT EXTRACT	72968504	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	8016384; 72968504	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) LEAF/TWIG EXTRACT	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) LEAF/TWIG OIL	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	72968-50-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL OIL	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	68916-04-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL POWDER	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL WATER	CITRUS AURANTIUM (BITTER ORANGE) FRUIT EXTRACT	72968504	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL WATER	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	72968-50-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL WAX	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PLANT PHYTO	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
Citrus Aurantium Amara Peel Oil	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus aurantium amara flower / peel oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT EXTRACT	CITRUS BERGAMIA PEEL OIL EXPRESSED	89957915	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT EXTRACT	CITRUS BERGAMIA PEEL OIL EXPRESSED	89957915	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus bergamia peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT OIL	Bergamot oil expressed	8007758	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT OIL	Petitgrain bergamot oil	8007758	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER OIL	CITRUS AURANTIUM AMARA FLOWER / PEEL OIL	8016384; 72968504	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER OIL	Orange flower oil, bitter (Neroli and Neroli bigarade)	8016384	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER WATER	Orange blossoms absolute	8030282	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER WATER	Orange flower water absolute	8030282	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER WATER	Orange leaf absolute	8030282	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	Citrus Aurantium Dulcis (orange) Fruit Water	8028486	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CITRUS AURANTIUM DULCIS (ORANGE) OIL	Orange peel, sweet oil	8008579	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) OIL	Orange sweet, Valencia oil	8008579	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) OIL	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus sinensis (syn.: aurantium dulcis) peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus sinensis (syn.: aurantium dulcis) peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL EXTRACT	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL EXTRACT	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus sinensis (syn.: aurantium dulcis) peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL	Citrus Aurantium Dulcis (orange) Fruit Water	8028486	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL	Orange peel, sweet oil	8008579	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL	Orange sweet, Valencia oil	8008579	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus sinensis (syn.: aurantium dulcis) peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL WAX	CITRUS SINENSIS (syn.: AURANTIUM DULCIS) PEEL OIL EXPRESSED	97766308; 8028486	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus sinensis (syn.: aurantium dulcis) peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	Citrus paradisi	8016204	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	Grapefruit oil	8016204	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	Citrus Grandis (Grapefruit) Seed Extract	90045435	Limited to 0.1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	Citrus Grandis (Grapefruit) Seed Extract	90045435	This ingredient cannot contain triclosan, quaternary ammonium compounds or parabens.	
Citrus junos oil	Citrus junos oil	233683846	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) FRUIT EXTRACT	CITRUS LIMONUM PEEL OIL EXPRESSED	84929317	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) FRUIT EXTRACT	CITRUS LIMONUM PEEL OIL EXPRESSED	84929317	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of citrus limonum peel oil expressed be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CITRUS LIMON (LEMON) FRUIT OIL	Lemon oil	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) FRUIT OIL	Lemon oil folded	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) FRUIT OIL	Lemon oil, distilled	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil folded	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil, distilled	8008568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil, furocoumarin free	68916892	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil, terpeneless	68648395	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS LIMON (LEMON) PEEL OIL	Lemon oil, terpenes	68917339	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS PARADISI (GRAPEFRUIT)	Citrus paradisi	8016204	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS PARADISI (GRAPEFRUIT) PEEL OIL	Citrus paradisi	8016204	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS RETICULATA LEAF OIL	Petitgrain bigarade oil	8014173	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS RETICULATA LEAF OIL	Petitgrain Mandarin oil	8014173	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS RETICULATA LEAF OIL	Petitgrain oil, Paraguay	8014173	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS RETICULATA PEEL OIL	Mandarin oil	8008319	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS RETICULATA PEEL OIL	Tangerine oil	8016851	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS SPECIES LEAF EXTRACT	CITRUS SPECIES LEAF EXTRACT	94266474	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CITRUS TERPENES	Citrus terpenes	68608344	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CLADOSIPHON NOVAE-CALEDONIAE EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CLADOSIPHON OKAMURANUS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
COCAMIDOPROPYL BETAINE	1Propanaminium, 3aminoN(carboxymethyl)N,Ndimethyl, Ncoco acyl derivs., hydroxides, inner salts	61789400	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCAMIDOPROPYL BETAINE	COCAMIDOPROPYL BETAINE	86438791; 61789400	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCAMIDOPROPYL BETAINE	COCAMIDOPROPYL BETAINE	86438791; 61789400	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCAMIDOPROPYL BETAINE	COCAMIDOPROPYL BETAINE	86438791	This ingredient should not contain detectable levels of nitrosamines and no more than 1.5% cocamidapropyl dimethylamine, and 0.01% DMAPA.	
COCAMIDOPROPYL DIMETHYLAMINE	Cocamidopropyl Dimethylamine	68140012	Limited to 1% due to classification 'causes severe skin burns and eye damage' (GHS H314).	
COCAMIDOPROPYL HYDROXYSULTAINE	Cocamidopropyl hydroxysultaine	68139300	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCAMIDOPROPYL HYDROXYSULTAINE	Cocamidopropyl hydroxysultaine	68139-30-0	The concentration of DMAPA in this ingredient must not exceed 0.01%.	x
COCAMIDOPROPYLAMINE OXIDE	Amides, coco, N[3(dimethylamino)propyl], Noxides	68155099	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCAMIDOPROPYLAMINE OXIDE	Amides, coco, N[3(dimethylamino)propyl], Noxides	68155099	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCAMIDOPROPYLAMINE OXIDE	COCAMIDOPROPYLAMINE OXIDE	68155-09-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4% in rinseoff products.	
COCAMINE OXIDE	Cocamine oxide	61788907	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCAMINE OXIDE	Cocamine oxide	61788907	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCETH-7	COCETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
COCO AMIDO BETAINE	1Propanaminium, 3aminoN(carboxymethyl)N,Ndimethyl, Ncoco acyl derivs., hydroxides, inner salts	61789400	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCO AMIDO BETAINE	COCAMIDOPROPYL BETAINE	86438791; 61789400	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCO AMIDO BETAINE	COCAMIDOPROPYL BETAINE	86438791; 61789400	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
coco methyl ester ethoxylate	Coco Methyl Ester Ethoxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
COCO-BETAINE	CocoBetaine	68424942	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCO-BETAINE	CocoBetaine	68424942	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCO-GLUCOSIDE	Cocoglucoside		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
COCO-GLUCOSIDE	Cocoglucoside		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
COCONUT FATTY ACID	COCONUT FATTY ACID	61788474	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
COCONUT FATTY ACID	COCONUT FATTY ACID	61788474	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
COCONUT OIL ALCOHOL, ETHOXYLATED	Coconut Oil Alcohol, Ethoxylated	61791137	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
COCONUT OIL PEG-10 ESTERS	Coconut Oil Peg10 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
COCONUT OIL PPG-2-PEG-6 ESTERS	Coconut Oil Ppg2Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CODIUM TOMENTOSUM (ALGAE)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CODIUM TOMENTOSUM (ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
COENOCHLORIS SIGNIENSIS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
COFFEA ARABICA (ARABIAN COFFEE)	COFFEA ARABICA (ARABIAN COFFEE)	84650-00-0	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
CORIANDRUM SATIVUM (CORIANDER) OIL	Coriander herb oil	8008524	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CORN OIL PEG-6 ESTERS	Corn Oil Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CORN OIL PEG-8 ESTERS	Corn Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
CORN STARCH/ ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	CORN STARCH/ ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
COTTONSEED GLYCERIDE	COTTONSEED GLYCERIDE	8029-44-5	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
COUMARIN	Coumarin	91645	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
COUMARIN	Coumarin	91645	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
COUMARIN	Coumarin	91645	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Coumarin be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
CUBEB OIL	Cubeb oil	8007872	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CUBEB OIL	Cubeb oil	8007872	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
CUMINALDEHYDE	CUMINALDEHYDE	122032	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CUMINALDEHYDE	CUMINALDEHYDE	122032	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CUMINALDEHYDE	CUMINALDEHYDE	122032	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CUMINUM CYMINUM (CUMIN) SEED OIL	Cumin seed oil	8014139	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	Cypress oil	8013863	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CURCUMA LONGA (TURMERIC) ROOT POWDER	Turmeric extract	8024371	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CURCUMA OIL	Turmeric extract	8024371	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Curry Red (Uncertified FD&C Red No. 40)	Color additives subject to batch certification	25956-17-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Curry Red (Uncertified FD&C Red No. 40)	FD&C RED NO. 40	25956-17-6	This substance must contain <2ppm lead, <1ppm mercury, and <1ppm cadmium.	
Curry Red (Uncertified FD&C Red No. 40)	FD&C RED NO. 40	25956-17-6	This substance may not be exposed to oxidizing or reducing agents that could affect the integrity of the color additives or any other condition that may affect their integrity, in accordance with FDA regulations.	
CYAMOPSIS TETRAGONOLOBA (GUAR) GUM	Cyamopsis tetragonoloba (guar) gum	9000-30-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leaveon products and 5% in rinseoff products.	
CYAMOPSIS TETRAGONOLOBA (GUAR) GUM	Cyamopsis tetragonoloba (guar) gum	9000300	Not allowed in powder or spray products. Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	
CYCLAMEN ALDEHYDE	CYCLAMEN ALDEHYDE	103957	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYCLAMEN ALDEHYDE	CYCLAMEN ALDEHYDE	103957	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
CYCLOPENTADECANONE	Cyclopentadecanone	502727	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYCLOPHENYLMETHICONE	CYCLOPHENYLMETHICONE	68037-54-7	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
CYCLOVINYLMETHICONE	CYCLOVINYLMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CYLINDROTHECA FUSIFORMIS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CYMOPOGON CITRATUS EXTRACT	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	89998-14-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cymbopogon citratus / schoenanthus oils be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CYMOPOGON CITRATUS LEAF OIL	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	89998141; 8007021; 89998163	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON CITRATUS LEAF OIL	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	89998-14-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cymbopogon citratus / schoenanthus oils be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
CYMOPOGON MARTINI OIL	Palmarosa oil	8014195	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON NARDUS (CITRONELLA) OIL	Citronella oil, Ceylon type	8000291	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON NARDUS (CITRONELLA) OIL	Citronella oil, Java type	8000291	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON SCHOENANTHUS (LEMONGRASS) EXTRACT	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	89998141; 8007021; 89998163	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON SCHOENANTHUS (LEMONGRASS) EXTRACT	CYMOPOGON SCHOENANTHUS (LEMONGRASS) EXTRACT	89998163	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON SCHOENANTHUS OIL	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	89998141; 8007021; 89998163	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON SCHOENANTHUS OIL	Lemongrass oil, East Indian	8007021	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYMOPOGON SCHOENANTHUS OIL	CYMOPOGON CITRATUS / SCHOENANTHUS OILS	8007-02-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of cymbopogon citratus / schoenanthus oils be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
Cyperus scariosus oil	Cypriol oil	68916609	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
CYTOSEIRA AMENTACEA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CYTOSEIRA AMENTACEA/CAESPITOSA BRANCHYCARPA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
CYTOSEIRA TAMARISCIFOLIA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
CYTOSEIRA TAMARISIFOLIA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
d-allo-OCIMENOL	Linalool; dLinalool; lLinalool	78706; 126909; 126910	Linalool and natural products known to be rich in linalool, such as bois de rose, coriander or ho wood oil, should only be used when the level of peroxides is kept to the lowest practical level. It is recommended to add antioxidants at the time of production of the raw material. The addition of 0.1% BHT or alphanatocopherol for example has shown great efficiency. The maximum peroxide level for products in use should be 20 millimoles per liter. The (hydro)peroxide content can be determined by using the FMA method.	
d-Carvone	CARVONE	99490; 2244168; 6485401	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
d-Carvone	CARVONE	99490; 6485401; 2244168	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
d-DIHYDROGERANIOL	Citronellol	106229; 1117619; 26489010; 6812788; 141253; 68916438; 7540514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
D-Glucopyranose, oligomeric, C6-12-alkyl glycosides	DGlucopyranose, oligomeric, C612alkyl glycosides	113976902	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
D-Glucopyranose, oligomeric, C6-12-alkyl glycosides	DGlucopyranose, oligomeric, C612alkyl glycosides	113976902	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
d-Limonene	dLimonene	5989275	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
d-Limonene	dLimonene	5989275	d, l and dlimonene and natural products containing substantial amounts of it, should only be used when the level of peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. Such products should have a peroxide value of less than 20 millimoles peroxide per liter, determined according to the FMA method.	
d-Limonene	dLimonene	5989275	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of dLimonene be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
d-Menthol	dMenthol	15356602	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
d,l-Menthol (isomer unspecified)	MENTHOL	1490046	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
D&C Black No. 2 (CI 77266)	Carbon black	1333-86-4	The European Commission restricts the nano version of this ingredient to a maximum concentration of 10%. Additionally, the nano version of this ingredient may not be used in applications that may lead to exposure of the enduser's lungs by inhalation. The ingredient must also have: Purity > 97 %, with the following impurity profile: Ash content ≤ 0.15 %, total sulphur ≤ 0.65 %, total PAH ≤ 500 ppb and benzo(a)pyrene ≤ 5 ppb, dibenz(a,h)anthracene ≤ 5 ppb, total arsenic ≤ 3 ppm, total lead ≤ 10 ppm, and total mercury ≤ 1 ppm. The nano version of this ingredient must also have a particle size greater than or equal to 20 nm.	
D&C Black No. 2 (CI 77266)	Color additives subject to batch certification	1333-86-4	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Black No. 2 (CI 77266)	D&C Black No. 2	1333864	This substance is not allowed in powder, spray or aerosol products because the International Agency for Research on Cancer lists this chemical as a Possible Human Carcinogen (Group 2B) and California Prop65 lists this chemical as known to cause cancer when in a respirable form.	
D&C Black No. 3 (CI 77267)	Color additives subject to batch certification	8021-99-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Brown No. 1 (CI 20170)	Color additives subject to batch certification	1320-07-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
D&C GREEN NO. 5 (CI 61570)	D&C Green No. 5	4403901	This ingredient is restricted to 0.3% due to a restriction on use in hair dyes in Europe.	
D&C GREEN NO. 5 (CI 61570)	Color additives subject to batch certification	4403-90-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C GREEN NO. 5 (CI 61570)	D&C Green No. 5	4403-90-1	This substance must contain <0.1 ppm lead, <0.2 ppm arsenic, <0.2 ppm mercury, and may not contain detectable levels of 1,4diaminoanthraquinone.	
D&C Green No. 5 (CI 61570) Lake	D&C Green No. 5	4403901	This ingredient is restricted to 0.3% due to a restriction on use in hair dyes in Europe.	
D&C Green No. 5 (CI 61570) Lake	Color additives subject to batch certification	4403-90-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Green No. 5 (CI 61570) Lake	D&C Green No. 5	4403-90-1	This substance must contain <0.1 ppm lead, <0.2 ppm arsenic, <0.2 ppm mercury, and may not contain detectable levels of 1,4diaminoanthraquinone.	
D&C Green No. 6 (CI 61565)	Color additives subject to batch certification	128-80-3	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Green No. 8 (CI 59040)	D&C Green No. 8	6358696		
D&C Green No. 8 (CI 59040)	Color additives subject to batch certification	6358-69-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Green No. 8 (CI 59040)	D&C Green No. 8	6358-69-6	The FDA requires this ingredients be used at less than 0.01%	
D&C Orange No. 4 (CI 15510)	Color additives subject to batch certification	633-96-5	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Orange No. 4 (CI 15510)	D&C Orange no 4	633-96-5	This substance must contain <0.06% 2naphthol and <0.12% sodium sulfanilate.	
D&C Orange No. 4 (CI 15510) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Orange No. 4 (CI 15510) Lake	D&C Orange no 4		This substance must contain <0.06% 2naphthol and <0.12% sodium sulfanilate.	
D&C Orange No. 5 (CI 45370)	Color additives subject to batch certification	596-03-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Orange No. 5 (CI 45370) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Orange No. 5 (CI 45370) Zirconium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 17 (CI 26100)	Color additives subject to batch certification	85-86-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 17 (CI 26100)	D&C Red No. 17	85-86-9	This substance may not contain detectable levels of paraphenylenediamine (PPD; pphenylenediamine).	
D&C Red No. 17 (CI 26100) Calcium Lake	Color additives subject to batch certification	85-86-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 17 (CI 26100) Calcium Lake	D&C Red No. 17	85-86-9	This substance may not contain detectable levels of paraphenylenediamine (PPD; pphenylenediamine).	
D&C Red No. 30 (CI 73360)	Color additives subject to batch certification	2379-74-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 30 (CI 73360) Calcium Lake	Color additives subject to batch certification	2379-74-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 30 (CI 73360) Lake	Color additives subject to batch certification	2379-74-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 31 (CI 15800)	Color additives subject to batch certification	6371-76-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 31 (CI 15800)	D&C Red No. 31	6371-76-2	This substance may not contain detectable levels of Sudan I (CI Solvent Yellow 14; 1phenylazo2naphthol).	
D&C Red No. 31 (CI 15800) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
D&C Red No. 31 (CI 15800) Lake	D&C Red No. 31		This substance may not contain detectable levels of Sudan I (CI Solvent Yellow 14; 1phenylazo2naphthol).	
D&C Red No. 33 (CI 17200)	Color additives subject to batch certification	3567-66-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 33 (CI 17200)	D&C Red No. 33	3567-66-6	This substance must contain <70 ppb 1,3diphenyltriazene, <10 ppm 4aniline, <175 ppb 4aminobiphenyl, and <0.5 ppm 2aminobiphenyl.	
D&C Red No. 33 (CI 17200) Lake	Color additives subject to batch certification	3567-66-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 33 (CI 17200) Lake	D&C Red No. 33	3567-66-6	This substance must contain <70 ppb 1,3diphenyltriazene, <10 ppm 4aniline, <175 ppb 4aminobiphenyl, and <0.5 ppm 2aminobiphenyl.	
D&C Red No. 33 (CI 17200) Zirconium Lake	Color additives subject to batch certification	3567-66-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 33 (CI 17200) Zirconium Lake	D&C Red No. 33	3567-66-6	This substance must contain <70 ppb 1,3diphenyltriazene, <10 ppm 4aniline, <175 ppb 4aminobiphenyl, and <0.5 ppm 2aminobiphenyl.	
D&C Red No. 34 (CI 15880)	Color additives subject to batch certification	6417-83-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 34 (CI 15880) Calcium Lake	Color additives subject to batch certification	6417-83-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 34 (CI 15880) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 36 (CI 12085)	Color additives subject to batch certification	2814-77-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 36 (CI 12085) Barium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Red No. 36 (CI 12085) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Violet No. 2 (CI 60725)	Color additives subject to batch certification	81-48-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Violet No. 2 (CI 60725)	D&C Violet No. 2	81-48-1	This substance must contain <0.05% ptoluidine and <0.02% 1hydroxy9,10anthraquinone.	
D&C Yellow No. 10 (CI 47005)	Color additives subject to batch certification	8004-92-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Yellow No. 10 (CI 47005)	D&C Yellow No. 10	8004-92-0	This substance must contain <2ppm lead, <1ppm cadmium, <50ppm zinc, and <0.01% aniline.	
D&C Yellow No. 10 (CI 47005) Lake	Color additives subject to batch certification	68814-04-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Yellow No. 10 (CI 47005) Lake	D&C Yellow No. 10	68814-04-0	This substance must contain <2ppm lead, <1ppm cadmium, <50ppm zinc, and <0.01% aniline.	
D&C Yellow No. 11 (CI 47000)	D&C Yellow No. 11	1325377	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
D&C Yellow No. 11 (CI 47000)	Color additives subject to batch certification	8003-22-3	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
D&C Yellow No. 11 (CI 47000) Lake	D&C Yellow No. 11	1325377	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
D&C Yellow No. 11 (CI 47000) Lake	Color additives subject to batch certification	1325-37-7	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
DAUCUS CAROTA SATIVA (CARROT) SEED OIL	Carrot seed oil	8015881	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DAVANA OIL	Davana oil		Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DEA PG-PROPYL PEG/PPG-18/21 DIMETHICONE	DEA PGPROPYL PEG/PPG18/21 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-CETEARETH-2 PHOSPHATE	DEACETEARETH2 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DEA-LAURETH SULFATE	DEALAURETH SULFATE	58855360	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-10 PHOSPHATE	DEAOLETH10 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-10 PHOSPHATE	DEAOLETH20 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-10 PHOSPHATE	DEAOLETH3 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-10 PHOSPHATE	DEAOLETH5 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-20 PHOSPHATE	DEAOLETH20 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-3 PHOSPHATE	DEAOLETH3 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-OLETH-5 PHOSPHATE	DEAOLETH5 PHOSPHATE	58855633	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-PEG-4 LAURATE	DEAPEG4 LAURATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DEA-POLYPERFLUOROETHOXYMETHOXY PEG-2 PHOSPHATE	DEAPOLYPERFLUOROETHOXYMETHOXY PEG2 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECANAL	Decaldehyde	112312	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Decanol alkoxyolate	Decanol Alkoxyolate	166736089	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Decanol alkoxyolate	Decanol Alkoxyolate	166736089	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Decanol alkoxyolate	Oxirane, 2methyl, polymer with oxirane, mono(2propylheptyl) ether	166736089	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECENOL	9Decenol	13019222	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DECETH-10	DECETH10	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-3	DECETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-4	DECETH4	5703946	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-4 PHOSPHATE	Deceth4 Phosphate	52019360	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DECETH-4 PHOSPHATE	Deceth6 Phosphate	52019360	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-5	DECETH10	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-5	DECETH5	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-5	DECETH8	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-5	Poly(oxy1,2ethanediyl), .alpha.decyl.omega.hydroxy	26183528	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DECETH-5	Poly(oxy1,2ethanediyl), .alpha.decyl.omega.hydroxy	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-5	Poly(oxy1,2ethanediyl), .alpha.decyl.omega.hydroxy	26183528	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DECETH-6	DECETH6	5168898	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-6 PHOSPHATE	Deceth6 Phosphate	52019360	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-7	DECETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-7 CARBOXYLIC ACID	Deceth7 Carboxylic Acid	38815939	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-7 CARBOXYLIC ACID	Sodium Deceth2 Carboxylate	38815939	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-7 GLUCOSIDE	Deceth7 Glucoside		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-8	DECETH8	26183528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-9	DECETH9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECETH-9 PHOSPHATE	Deceth9 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DECYL ALCOHOL	Decyl Alcohol	112301	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DECYL GLUCOSIDE	Decyl Glucoside	41444557	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
DECYL GLUCOSIDE	Decyl Glucoside	41444557	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	

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DECYL POLYGLUCOSIDE	DECYL POLYGLUCOSIDE		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
DECYL POLYGLUCOSIDE	DECYL POLYGLUCOSIDE		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
DECYLAMINE OXIDE	Decylamine Oxide	2605790	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DECYLAMINE OXIDE	Decylamine Oxide	2605790	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DECYLTETRADECETH-30	DECYLTETRADECET H30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DI-PEG-2 SOYAMINE IPDI	DiPeg2 Soyamine IpdI	183681063	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DI-PPG-3 CETETH-4 ADIPATE	DiPpg3 Ceteth4 Adipate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DI-TEA-OLEAMIDO PEG-2 SULFOSUCCINATE	DITEAOLEAMIDO PEG2 SULFOSUCCINATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIAMMONIUM OLEAMIDO PEG-2 SULFOSUCCINATE	Diammonium Oleamido Peg2 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIAMYL SODIUM SULFOSUCCINATE	Diamyl sodium sulfosuccinate	922805	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DIAMYL SODIUM SULFOSUCCINATE	Diamyl sodium sulfosuccinate	922805	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DIBENZYL ETHER	DIBENZYL ETHER	103504	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DIBENZYL ETHER	DIBENZYL ETHER	103504	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
DICAPRYLATE/ DICAPRATE PEG-7 GLYCERYL COCOATE	Dicaprylate/ Dicaprate Peg7 Glyceryl Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DICARBONIC ACID, DIMETHYL ESTER	DICARBONIC ACID, DIMETHYL ESTER	4525-33-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
DICETEARETH-10 PHOSPHATE	Diceteareth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DICHLOROPHENE	Dichlorophene	97234	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: 4chloro6,6bis(5chloro2hydroxybenzyl)phenol	
DICTYOPTERIS MEMBRANACEA (ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
DICTYOPTERIS POLYPODIOIDES EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
DIETHYL MALONATE	DIETHYL MALONATE	105533	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIETHYLAMINE LAURETH SULFATE	DIETHYLAMINE LAURETH SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIETHYLAMINOETHYL PEG-4 COCOATE	Diethylaminoethyl Peg4 Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIETHYLAMINOETHYL PEG-4 LAURATE	Diethylaminoethyl Peg4 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIETHYLAMINOETHYL PEG-5 COCOATE	Diethylaminoethyl Peg5 Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIETHYLAMINOETHYL PEG-5 LAURATE	Diethylaminoethyl Peg5 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIETHYLENE GLYCOL	DIETHYLENEGLYCOL	111466	Health Canada restricts the use of this ingredient to nonoral products and rinseoff products. Additionally, Health Canada requires manufacturers of oral and leaveon products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	
DIETHYLENE GLYCOL PROPYL ETHER	Dipropylene glycol propyl ether	29911271	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PEG-180/HDI COPOLYMER	DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PEG180/HDI COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIHYDROCHOLETH 30	Dihydrocholeth 30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIHYDROCHOLETH-15	Dihydrocholeth15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIHYDROCHOLETH-20	Dihydrocholeth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIHYDROCUMARIN	DIHYDROCUMARIN	119846	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
DIHYDROXYACETONE	DIHYDROXYACETONE	96-26-4	Per the U.S. FDA., dihydroxyacetone shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Volatile matter (at 34.6 °C. for 3 hours at a pressure of not more than 30 mm. mercury), not more than 0.5 percent. Residue on ignition, not more than 0.4 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Iron (as Fe), not more than 25 parts per million. 1,3-dihydroxy-2-propanone, not less than 98 percent.	x
DIHYDROXYETHYL COCAMINE OXIDE	Amines, coco alkyl dihydroxyethyl, oxides	61791477	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DIHYDROXYETHYL COCAMINE OXIDE	Amines, coco alkyl dihydroxyethyl, oxides	61791477	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DIHYDROXYETHYL TALLOW GLYCINATE	Dihydroxyethyl Tallow Glycinate	61791-25-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIHYDROXYPROPYL PEG-10 STEARAMMONIUM CHLORIDE	Dihydroxypropyl Peg10 Stearammonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIHYDROXYPROPYL PEG-5 LINOLEAMMONIUM CHLORIDE	Dihydroxypropyl Peg 5 Linoleammonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIISOPROPYL ADIPATE	Hexanedioic acid, bis(Imethylethyl)ester	6938949	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DILAURETH-10 PHOSPHATE	Dilaureth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DILAURETH-4 DIMONIUM CHLORIDE	Dilaureth4 Dimonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DILAURETH-4 PHOSPHATE	Dilaureth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DILAURETH-7 CITRATE	Dilaureth7 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DILINOLEAMIDOPROPYL DIMETHYLAMINE DIMETHICONE PEG-7 PHOSPHATE	Dilinoeamidopropyl Dimethylamine Dimethicone Peg7 Phosphate	138698347	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE	Dimethicone	9006659	The total concentration of persistent ingredients cannot exceed 2%.	
DIMETHICONE	DIMETHICONE	9006-65-9	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE BISAMINO HYDROXYPROPYL COPOLYOL	DIMETHICONE BISAMINO HYDROXYPROPYL COPOLYOL		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE COPOLYMER	DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE COPOLYOL BENZOATE	DIMETHICONE COPOLYOL BENZOATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE COPOLYOL EICOSANATE	DIMETHICONE COPOLYOL EICOSANATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE COPOLYOL MEADOWFOAMATE	DIMETHICONE COPOLYOL MEADOWFOAMATE	157479-51-1	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE COPOLYOL PHOSPHATE	DIMETHICONE PEG10 PHOSPHATE	132207319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE COPOLYOL PHOSPHATE	DIMETHICONE PEG7 PHOSPHATE	132207319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIMETHICONE COPOLYOL PHOSPHATE	DIMETHICONE COPOLYOL PHOSPHATE	132207-31-9	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE CROSSPOLYMER	DIMETHICONE CROSSPOLYMER	213629-14-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE CROSSPOLYMER-3	DIMETHICONE CROSSPOLYMER-3		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG 10/ 15 CROSSPOLYMER	Dimethicone Peg 10/ 15 Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG 10/ 15 CROSSPOLYMER	DIMETHICONE PEG 10/ 15 CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-10 PHOSPHATE	DIMETHICONE PEG10 PHOSPHATE	132207319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-15 ACETATE	Dimethicone Peg15 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 AVOCADOATE	Dimethicone Peg7 Avocadoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 AVOCADOATE	DIMETHICONE PEG-7 AVOCADOATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-7 COCOATE	Dimethicone Peg7 Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 COCOATE	DIMETHICONE PEG-7 COCOATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-7 ISOSTEARATE	Dimethicone Peg7 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 ISOSTEARATE	DIMETHICONE PEG-7 ISOSTEARATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-7 LACTATE	Dimethicone Peg7 Lactate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 OCTYLDODECYL CITRATE	Dimethicone Peg7 Octyldodecyl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIMETHICONE PEG-7 OLIVATE	Dimethicone Peg7 Oliviate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 PHOSPHATE	DIMETHICONE PEG7 PHOSPHATE	132207319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 PHOSPHATE	DIMETHICONE PEG-7 PHOSPHATE	132207-31-9	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-7 PHTHALATE	Dimethicone Peg7 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 SUCCINATE	Dimethicone Peg7 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 SULFATE	Dimethicone Peg7 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-7 UNDECYLENATE	Dimethicone Peg7 Undecylenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 ADIPATE	DIMETHICONE PEG8 ADIPATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 AVOCADOATE	Dimethicone Peg8 Avocadoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 BEESWAX	Dimethicone Peg8 Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 BEESWAX	DIMETHICONE PEG-8 BEESWAX		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 BENZOATE	DIMETHICONE PEG8 BENZOATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 BENZOATE	DIMETHICONE PEG-8 BENZOATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 BORAGEATE	Dimethicone Peg8 Borageate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 ISOSTEARATE	Dimethicone Peg8 Isostearate	133448165	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 LANOLATE	Dimethicone Peg8 Lanolate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIMETHICONE PEG-8 LANOLATE	DIMETHICONE PEG-8 LANOLATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 LAURATE	Dimethicone Peg8 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 LAURATE	DIMETHICONE PEG-8 LAURATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 MEADOWFOAMATE	Dimethicone Peg8 Meadowfoamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 MEADOWFOAMATE	DIMETHICONE PEG-8 MEADOWFOAMATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 OLIVATE	Dimethicone Peg8 Oliviate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 PHOSPHATE	Dimethicone Peg8 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 PHTHALATE	Dimethicone Peg8 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 POLYACRYLATE	Dimethicone Peg8 Polyacrylate	217958640	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG-8 POLYACRYLATE	DIMETHICONE PEG-8 POLYACRYLATE	217958-64-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG-8 SUCCINATE	Dimethicone Peg8 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG/PPG-12/4 PHOSPHATE	DIMETHICONE PEG/PPG12/4 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG/PPG-12/4 PHOSPHATE	DIMETHICONE PEG/PPG-12/4 PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG/PPG-12/4 PHOSPHATE	DIMETHICONE PEG/PPG-12/4 PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG/PPG-20/23 BENZOATE	Dimethicone Peg/ppg20/23 Benzoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIMETHICONE PEG/PPG-20/23 BENZOATE	DIMETHICONE PEG/PPG-20/23 BENZOATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PEG/PPG-7/4 PHOSPHATE	DIMETHICONE PEG/PPG-7/4 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE PEG/PPG-7/4 PHOSPHATE	DIMETHICONE PEG/PPG-7/4 PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE PROPYL PG-BETAINE	DIMETHICONE PROPYL PG-BETAINE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE SILYLATE	DIMETHICONE SILYLATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/ CYCLOMETHICONE COPOLYMER	DIMETHICONE/ CYCLOMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/ METHICONE COPOLYMER	DIMETHICONE/ METHICONE COPOLYMER	68037-59-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/ PHENYL VINYL DIMETHICONE CROSSPOLYMER	DIMETHICONE/ PHENYL VINYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/ SILSESQUIOXANE COPOLYMER	DIMETHICONE/ SILSESQUIOXANE COPOLYMER	68440-84-6	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER	DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/BIS ISOBUTYL PPG-20 CROSSPOLYMER	DIMETHICONE/BIS ISOBUTYL PPG-20 CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/DIVINYLDIMETHICONE/SILSESQUIOXANE CROSSPOLYMER	DIMETHICONE/DIVINYLDIMETHICONE/SILSESQUIOXANE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/MERCAPTOPROPYL METHICONE COPOLYMER	DIMETHICONE/MERCAPTOPROPYL METHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIMETHICONE/MERCAPTOPROPYL METHICONE COPOLYMER	DIMETHICONE/MERC APTOPROPYL METHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/PEG-10 CROSSPOLYMER	Dimethicone/peg10 Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE/PEG-15 CROSSPOLYMER	Dimethicone/peg15 Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHICONE/POLYGLYCERIN-3 CROSSPOLYMER	DIMETHICONE/POLY GLYCERIN-3 CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
Dimethicone/Silica/PEG Distearate Antifoam	Dimethicone/Silica/PE G Distearate Antifoam		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Dimethicone/Silica/PEG Distearate Antifoam	Dimethicone/Silica/PE G Distearate Antifoam		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONE/VINYLTRIMETHYLSILOXYLICATE CROSSPOLYMER	DIMETHICONE/VINY LTRIMETHYLSILOXY SILICATE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIMETHICONOL	DIMETHICONOL	31692792	The total concentration of persistent ingredients cannot exceed 2%.	
DIMETHYL BENZYL CARBINYL ACETATE	DIMETHYLBENZYL CARBINYL ACETATE (DMBCA)	151053	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DIMETHYL BENZYL CARBINYL ACETATE	DIMETHYLBENZYL CARBINYL ACETATE (DMBCA)	151053	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of dimethylbenzyl carbinyl acetate (DMBCA) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
DIMETHYL POLYSILOXANE	Dimethyl Polysiloxane	8050815	The total concentration of persistent ingredients cannot exceed 2%.	
DIMETHYL SILOXANES AND SILICONES	Dimethyl Siloxanes And Silicones	63148629	The total concentration of persistent ingredients cannot exceed 2%.	
DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE	Dimethylcyclohex3ene lcarbaldehyde (mixed isomers)	68737611; 68039496; 68039485; 27939602; 67801654; 36635355; 68084526; 35145029	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
DIMETHYL-3-METHYLPENTADIENYL-OXIRANE	Oxirane, 2,2dimethyl3(3methyl 2,4pentadienyl)	69103204	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIMETHYL-3-METHYLPENTADIENYL-OXIRANE	Oxirane, 2,2dimethyl3(3methyl 2,4pentadienyl)	69103204	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
DIMETHYLCYCLOHEXENYL 3-BUTENYL KETONE	1(5,5Dimethylcyclohexenyl)pent4en1one	56973854	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
DIMETHYLHEPTENAL	Melonal	106729	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DIMETHYLTETRAHYDRO BENZALDEHYDE	Dimethylcyclohex3ene lcarbaldehyde (mixed isomers)	68737611; 68039496; 68039485; 27939602; 67801654; 36635355; 68084526; 35145029	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
DIMETHYLTETRAHYDRO BENZALDEHYDE	DIMETHYLTETRAHYD RO BENZALDEHYDE	68737611	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
DINONOXYNOL-4 PHOSPHATE	Dinonoxynol4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DINONOXYNOL-9 CITRATE	Dinonoxynol9 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIOCTYLDODECETH-2 LAUROYL GLUTAMATE	Diocetyldodeceth2 Lauroyl Glutamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIOCTYLDODECETH-5 LAUROYL GLUTAMATE	Diocetyldodeceth5 Lauroyl Glutamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIOLETH-8 PHOSPHATE	Dioleth8 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIOSCOREA VILLOSA	DIOSCOREA VILLOSA (WILD YAM) ROOT EXTRACT	90147-49-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% of max 2% plant solids. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides.	
DIPHENYL DIMETHICONE	DIPHENYL DIMETHICONE	68083-14-7	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIPHENYL DIMETHICONE CROSSPOLYMER	DIPHENYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIPHENYL DIMETHICONE/VINY L DIPHENYL DIMETHICONE/SILSESQUIOXANE CROSSPOLYMER	DIPHENYL DIMETHICONE/VINY L DIPHENYL DIMETHICONE/SILSE SQUIOXANE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIPHENYLSILOXY PHENYL TRIMETHICONE	DIPHENYLSILOXY PHENYL TRIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIPOTASSIUM GLYCYRRHIZATE	DIPOTASSIUM GLYCYRRHIZATE	68797-35-3	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals. The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIPROPYLENE GLYCOL BUTYL ETHER	1(2butoxymethylethoxy)propan2ol	29911282	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DIPROPYLENE GLYCOL BUTYL ETHER	Dipropylene Glycol Butyl Ether	9003138	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
DIPROPYLENE GLYCOL BUTYL ETHER	dipropylene glycol nbutyl ether	29911282	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
DIPROPYLENE GLYCOL ISOCETETH-20 ACETATE	Dipropylene Glycol Isoceteth20 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Dipropylene Glycol MonoN Butyl Ether (Glycol Ether DPnB)	1(2butoxymethylethoxy)propan2ol	29911282	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Dipropylene Glycol MonoN Butyl Ether (Glycol Ether DPnB)	dipropylene glycol nbutyl ether	29911282	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
Dipropylene Glycol Phenyl Ether	Dipropylene Glycol Phenyl Ether	51730940	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Dipropylene Glycol Propyl Ether	Dipropylene glycol propyl ether	29911271	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
DISILOXANE	DISILOXANE	107-46-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DISODIUM COCAMIDO MIPA PEG-4 SULFOSUCCINATE	Disodium Cocamido Mipa Peg4 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM COCAMIDO PEG-3 SULFOSUCCINATE	Disodium Cocamido Peg3 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM DECETH-5 SULFOSUCCINATE	Disodium Deceth5 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM DECETH-6 SULFOSUCCINATE	Disodium Deceth6 Sulfosuccinate	68311-03-5	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM DECYL PHENYL ETHER DISULFONATE	Disodium Decyl Phenyl Ether Disulfonate	36445713	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
DISODIUM EDTA-COPPER	DISODIUM EDTA-COPPER	14025-15-1	Per the U.S. FDA., disodium EDTA-copper shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Total copper, not less than 13.5 percent. Total (ethylene-dinitrilo) tetracetic acid, not less than 62.5 percent. Free copper, not more than 100 parts per million. Free disodium salt of (ethylene-dinitrilo) tetraacetic acid, not more than 1.0 percent. Moisture, not more than 15 percent. Water insoluble matter, not more than 0.2 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million.	x
DISODIUM ETHLENE DICOCAMIDE PEG 15 DISULFATE	Disodium Ethlene Dicocamide Peg 15 Disulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM GLYCIRRHIZATE	DISODIUM GLYCIRRHIZATE	71277-79-7	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
DISODIUM LAURAMIDO PEG-2 SULFOSUCCINATE	Disodium Lauramido Peg2 Sulfosuccinate	56388444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURAMIDO PEG-5 SULFOSUCCINATE	Disodium Lauramido Peg5 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH SULFOSUCCINATE	Disodium laureth sulfosuccinate	58450525	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth12 Sulfosuccinate	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth6 Sulfosuccinate	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth9 Sulfosuccinate	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Poly(oxy1,2ethanediyl), .alpha.(3carboxyloxo3 sulfopropyl).omega.(d odecyloxy), disodium salt	39354455	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DISODIUM LAURETH-12 SULFOSUCCINATE	Poly(oxy1,2ethanediyl), .alpha.(3carboxyloxo3 sulfopropyl).omega.(d odecyloxy), disodium salt	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Poly(oxy1,2ethanediyl), .alpha.(3carboxyloxo3 sulfopropyl).omega.(d odecyloxy), disodium salt	39354455	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
DISODIUM LAURETH-5 CARBOXYAMPHODIACETATE	Disodium Laureth5 Carboxyamphodiacetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-6 SULFOSUCCINATE	Disodium Laureth6 Sulfosuccinate	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-7 CITRATE	Disodium Laureth7 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM LAURETH-9 SULFOSUCCINATE	Disodium Laureth9 Sulfosuccinate	39354455	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM NONOXYNOL-10 SULFOSUCCINATE	Disodium Nonoxynol10 Sulfosuccinate	67999579	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM OLEAMIDO PEG-2 SULFOSUCCINATE	Disodium Oleamido Peg2 Sulfosuccinate	56388433	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM OLEAMIDO PEG-2 SULFOSUCCINATE	DISODIUM OLEAMIDO PEG-2 SULFOSUCCINATE	56388-43-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DISODIUM OLETH-3 SULFOSUCCINATE	DISODIUM OLETH3 SULFOSUCCINATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PALMITAMIDO PEG-2 SULFOSUCCINATE	Disodium Palmitamido Peg2 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PALMITOLEAMIDO PEG-2 SULFOSUCCINATE	Disodium Palmitoleamido Peg2 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG STEARATE	Disodium Peg Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-12 DIMETHICONE	Disodium Peg12 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-12 DIMETHICONE SULFOSUCCINATE	Disodium Peg12 Dimethicone Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DISODIUM PEG-12 DIMETHICONE SULFOSUCCINATE	DISODIUM PEG-12 DIMETHICONE SULFOSUCCINATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DISODIUM PEG-2 OLEAMIDO SULFOSUCCINATE	Disodium Peg2 Oleamido Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-4 COCAMIDO MIPA-SULFOSUCCINATE	Disodium Peg4 Cocamido MipaSulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-5 LANOLIN ETHER SULFOSUCCINATE	Disodium Peg5 Lanolin Ether Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-5 LAURYL CITRATE SULFOSUCCINATE	Disodium Peg5 Lauryl citrate Sulfosuccinate	164458735	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-8 GLYCERYL CAPRYLATE/CAPRATE	Disodium Peg8 Glyceryl Caprylate/caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-8 PALM GLYCERIDES SULFOSUCCINATE	Disodium Peg8 Palm Glycerides Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PEG-8 RICINOSUCCINATE	Disodium Peg8 Ricinosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM PPG-2-ISODECETH-7 CARBOXYAMPHODIACETATE	Disodium Ppg2Isodeceth7 Carboxyamphodiacetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM SUCCINOYL GLYCERYLRHETINATE	DISODIUM SUCCINOYL GLYCERYLRHETINATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
DISODIUM UNDECYLENAMIDO PEG-2 SULFOSUCCINATE	Disodium Undecylenamido Peg2 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISODIUM WHEAT GERMAMIDO PEG-2 SULFOSUCCINATE	Disodium Wheat Germamido Peg2 Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISTEARETH 100 IPDI	Disteareth 100 Ipdi		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DISTEARETH-75 IPDI	Disteareth75 Ipdi		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DIVINYLDIMETHICONE	DIVINYLDIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIVINYLDIMETHICONE	DIVINYLDIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DIVINYLDIMETHICONE/ DIMETHICONE COPOLYMER	DIVINYLDIMETHICONE/ DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
DIVINYLDIMETHICONE/DIMETHICONE CROSSPOLYMER	DIVINYLDIMETHICONE/DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
DM HYDANTOIN	5,5Dimethylimidazolidine2,4Dione	77714	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DMDM HYDANTOIN	13DIMETHYLOL5DIMETHYLHYDANTOIN	6440-58-0	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinseoff products (not applied to mucosa).	
DOBANOL 25-3	Dobanol 253	58391-12-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Dodecanol	Dodecanol	112538	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
DODECYLBENZENE SULFONIC ACID	Dodecylbenzene sulfonic acid	27176870	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
DODECYLBENZENESULFONATE	DODECYLBENZENESULFONATE		This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
DODOXYNOL-12	Dodoxynol12	9014920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
DROMETRIZOLE TRISILOXANE	DROMETRIZOLETRISILOXANE	155633-54-8	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 15% in rinseoff products (not applied to mucosa).	
DURVILLAEA ANTARCTICA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
DURVILLAEA ANTARTICA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
DURVILLAEA POTATORUM EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
E- and Z-Oxacyclohexadec-12(+13)-en-2-one	Oxacyclohexadec12en Zone, (12E)	111879802	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ECKLONIA CAVA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ECKLONIA KUROME EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ECKLONIA RADIATA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
ELETTARIA CARDAMOMUM (CARDAMOM) SEED EXTRACT	Cardamom extract	8000666	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ELETTARIA CARDAMOMUM (CARDAMOM) SEED EXTRACT	ELETTARIA CARDAMOMUM (CARDAMOM) SEED EXTRACT	96507914	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ELETTARIA CARDAMOMUM (CARDAMOM) SEED OIL	Cardamom extract	8000666	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ELETTARIA CARDAMOMUM (CARDAMOM) SEED OIL	Cardamom oil	8000666	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ENSULIZOLE	PHENYLBENZIMIDAZ OLESULFONICACID	27503-81-7	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 3% in rinseoff products (not applied to mucosa).	
Enzymes (Protease, Amylase & Mannanase)	Enzymes (Protease, Amylase & Mannanase)		Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
ERUCIC ACID	1, 3Docosenoic acid, (Z) (Erucic acid)	112867	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ETHANOL, 2,2'-(COCOALKYLIMINO)BIS-	Ethoxylated Cocoalkylamines	61791319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHANOLAMINE THIOGLYCOLATE	ETHANOLAMINE THIOGLYCOLATE	126976	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a secondary amine content over 0.5%, it must have a minimum purity of 99%, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitritefree containers.	
ETHOXY-p-CRESOL	2Ethoxy4methylphenol	2563077	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.9% in household cleaning products.	
ETHOXYDIGLYCOL	2(2ethoxyethoxy)ethanol Diethylene Glycol Monoethyl Ether (DEGREE),Ethoxydiglycol	111900	The European Commission prohibits the use of this ingredient in eye and oral products, and restricts it to a maximum concentration of 7% in oxidative hair dye products, 5% in nonoxidative hair dye products, 10% in rinseoff products other than hair dye product, 2.6% in other nonspray cosmetic products, and 2.6% in the following spray products fine fragrances, hair sprays, antiperspirant and deodorant. Additionally, the level of ethylene glycol impurity in Ethoxydiglycol must be <= 0.1 %.	
ETHOXYLATED ALKYL PHENOL	Ethoxylated Alkyl Phenol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated amines	Ethoxylated Amines		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHOXYLATED CASTOR OIL	Castor oil, ethoxylated	61791126	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated cocoalkylamines	Ethoxylated Cocoalkylamines	61791319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethoxylated Ethylhexanol	Ethoxylated Ethylhexanol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ETHOXYLATED EVENING PRIMROSE OIL	Ethoxylated Evening Primrose Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHOXYLATED GLYCERIDES	Ethoxylated Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated octadecylamine	Ethoxylated Octadecylamine	26635927	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated oleylamines	Ethoxylated Oleylamines	13127827	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHOXYLATED PLANT STEROLS	Ethoxylated Plant Sterols		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated soyaalkylamines	Ethoxylated Soyaalkylamines	73246965	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ethoxylated tallowalkylamines	Ethoxylated Tallowalkylamines	61791444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethoxylated Undecyl Alcohol	Ethoxylated Undecyl Alcohol	127036242	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethoxylated Undecyl Alcohol	Poly(oxy1,2ethanediyl), alphaundecylomegahydroxy, branched and linear	127036242	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Ethoxylated Undecyl Alcohol	Poly(oxy1,2ethanediyl), alphaundecylomegahydroxy, branched and linear	127036242	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethoxylated Undecyl Alcohol	Poly(oxy1,2ethanediyl), alphaundecylomegahydroxy, branched and linear	127036242	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
ETHOXYTRIGLYCOL	ETHOXYTRIGLYCOL	112505	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethyl Hexanol Ethoxylated Propoxylated	Ethyl Hexanol Ethoxylated Propoxylated		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Ethyl Levulinate Glycerol Ketal	Ethyl Levulinate Glycerol Ketal		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHYL LINALOOL	Ethyl linalool	10339556	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ETHYL METHICONE	ETHYL METHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ETHYL METHYLPHENYLGLYCIDATE	Ethyl methylphenylglycidate	77838	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
ETHYL PEG-15 COCAMINE SULFATE	Ethyl Peg15 Cocamine Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ETHYL TRISILOXANE	ETHYL TRISILOXANE	17861-60-8	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ETHYL VANILLIN	ETHYL VANILLIN	121324	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ETHYLENE/ ACRYLIC ACID COPOLYMER	ETHYLENE/ ACRYLIC ACID COPOLYMER	9010-77-9	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLENE/ACRYLIC ACID/VA COPOLYMER	ETHYLENE/ACRYLIC ACID/VA COPOLYMER	26713-18-8	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLENE/CALCIUM ACRYLATE COPOLYMER	ETHYLENE/CALCIUM ACRYLATE COPOLYMER	26445-96-5	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLENE/MAGNESIUM ACRYLATE COPOLYMER	ETHYLENE/MAGNESIUM ACRYLATE COPOLYMER	27515-37-3	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLENE/METHACRYLATE COPOLYMER	ETHYLENE/METHACRYLATE COPOLYMER	25103-74-6	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Ethylene/propylene oxide copolymer	Ethylene/propylene oxide copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ETHYLENE/SODIUM ACRYLATE COPOLYMER	ETHYLENE/SODIUM ACRYLATE COPOLYMER	25749-98-8	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLENE/ZINC ACRYLATE COPOLYMER	ETHYLENE/ZINC ACRYLATE COPOLYMER	28208-80-2	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ETHYLHEXYL ACRYLATE/METHYL METHACRYLATE COPOLYMER	ETHYLHEXYL ACRYLATE/METHYL METHACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
ETHYLHEXYLGLYCERIN	Ethylhexylglycerin	70445339	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
EUCALYPTOL	EUCALYPTOL	470826	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317B).	
EUCALYPTUS CITRIODORA (LEMON-SCENTED GUM) OIL	Eucalyptus citriodora oil	85203561	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS CITRIODORA (LEMON-SCENTED GUM) OIL	EUCALYPTUS SPP. LEAF OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS DIVES LEAF EXTRACT	Eucalyptus dives oil	90028481	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS DIVES LEAF EXTRACT	EUCALYPTUS SPP. LEAF OIL	90028-48-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS DIVES LEAF OIL	EUCALYPTUS SPP. LEAF OIL	90028-48-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS DIVES LEAF/TWIG OIL	EUCALYPTUS SPP. LEAF OIL	90028-48-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF	EUCALYPTUS SPP. LEAF OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	Eucalyptus dives oil	90028481	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	Eucalyptus extract	8000484	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	Eucalyptus globulus oil	97926404	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	EUCALYPTUS SPP. LEAF OIL	92502700; 8000484	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	EUCALYPTUS SPP. LEAF OIL	8000-48-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS GLOBULUS (TASMANIAN BLUE GUM) LEAF EXTRACT	Eucalyptus extract	8000484	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS GLOBULUS (TASMANIAN BLUE GUM) LEAF EXTRACT	EUCALYPTUS SPP. LEAF OIL	84625-32-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
EUCALYPTUS GLOBULUS LEAF WATER	EUCALYPTUS SPP. LEAF OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS MACULATA CITRIODORA LEAF OIL	EUCALYPTUS SPP. LEAF OIL	85203-56-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS RADIATA (EUCALYPTUS) OIL	EUCALYPTUS SPP. LEAF OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS RADIATA EXTRACT	EUCALYPTUS SPP. LEAF OIL		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS RADIATA LEAF/STEM OIL	Eucalyptus radiata oil	92201644	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS RADIATA LEAF/STEM OIL	EUCALYPTUS SPP. LEAF OIL	92201-64-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS RADIATA OIL	Eucalyptus citriodora oil	85203561	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS RADIATA OIL	Eucalyptus radiata oil	92201644	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS RADIATA OIL	EUCALYPTUS SPP. LEAF OIL	85203-56-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS SMITHII LEAF EXTRACT	EUCALYPTUS SPP. LEAF OIL	91771-68-5	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS SMITHII LEAF OIL	EUCALYPTUS SPP. LEAF OIL	91771-68-5	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS SPECIES LEAF EXTRACT	EUCALYPTUS SPP. LEAF OIL	92502700; 8000484	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUCALYPTUS SPECIES LEAF EXTRACT	EUCALYPTUS SPP. LEAF OIL	92502-70-0	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUCALYPTUS SPECIES LEAF OIL	EUCALYPTUS SPP. LEAF OIL	92502-70-0	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eucalyptus spp. leaf oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Clove bud extract	8000348	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Clove bud oil	8000348	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Clove leaf oil	8000348	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Clove stem oil	8000348	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	EUGENIA CARYOPHYLLUS LEAF / FLOWER OIL	8000348	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	EUGENIA CARYOPHYLLUS LEAF / FLOWER OIL	8000348	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of eugenia caryophyllus leaf / flower oil be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
EUGENOL	Eugenol	97530	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EUGENOL	Eugenol	97530	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.5% in household cleaning products.	
EUGENOL	Eugenol	97530	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Eugenol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
EUGENOL	Eugenol	97530	Limited to 0.01% due to allergen concerns and eugenol sensitivities among individuals with asthma.	
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Oakmoss absolute	9000504	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Treemoss Extracts	90028674; 68648419; 68917408	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Treemoss Extracts	90028674; 68648419; 68917408	Tree moss extracts shall not contain more than 0.8% of dehydroabietic acid (DHA) as a marker of 2% of total resin acids. The concentration of DHA (about 40% of the total resin acids) in tree moss can be measured with an HPLC Reverse Phase spectrofluorometry method. Further, levels of atranol and chloroatranol should each be below 100ppm in tree moss extracts.	
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Tree moss	90028674	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Tree moss be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oak moss extracts	90028685; 9000504; 68917102	Oak moss extracts used in fragrance compounds must not contain added tree moss, which is a source of resin acids. Traces of resin acids may be carried over to commercial qualities of oak moss in the manufacturing process. These traces must not exceed 0.1% (1000ppm) dehydroabietic acid (DHA) in the extract. The concentration of resin acids in oak moss can be measured with an HPLC Reverse Phase spectrofluorometry method. Further, levels of atranol and chloroatranol should each be below 100ppm in oak moss extracts.	
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oakmoss Extracts	90028685; 9000504; 68917102	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oak moss	90028685	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Oak moss be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
Ext. D&C Violet No. 2 (CI 60730)	Color additives subject to batch certification	4430-18-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Ext. D&C Yellow No. 7 (CI 10316)	Ext. D&C Yellow No. 7	846708	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
Ext. D&C Yellow No. 7 (CI 10316)	Color additives subject to batch certification	846-70-8	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Ext. D&C Yellow No. 7 (CI 10316)	Ext. D&C Yellow No. 7	846-70-8	This substance must contain <10 ppm 1naphthol, <20 ppm 2,4dinitro1naphthol, and <10 ppm lead.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Ext. D&C Yellow No. 7 (CI 10316) Lake	Color additives subject to batch certification	68698-86-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Ext. D&C Yellow No. 7 (CI 10316) Lake	Ext. D&C Yellow No. 7	68698-86-2	This substance must contain <10 ppm Inaphthol, <20 ppm 2,4dinitroInaphthol, and <10 ppm lead.	
FARNESOL	Farnesol	4602840	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FARNESOL	Farnesol	4602840	Farnesol should only be used as a fragrance ingredient if it contains a minimum of 96% of farnesol isomers as determined by GLC.	
FARNESOL	Farnesol	4602840	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
FARNESOL	Farnesol	4602840	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Farnesol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
Fast Green FCF (Uncertified FD&C Green No. 3)	Color additives subject to batch certification	2353-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Fast Green FCF (Uncertified FD&C Green No. 3)	FD&C GREEN NO. 3	2353-45-9	This substance must contain <0.01% unsulfonated primary aromatic amines, <2 ppm lead, and <100 ppm manganese	
Fatty acid methyl ester ethoxylates	Fatty Acid Methyl Ester Ethoxylates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Fatty acids, coco, esters with sorbitan, ethoxylated	Fatty acids, coco, esters with sorbitan, ethoxylated	68154336	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Fatty acids, methyl esters, sulfonated, sodium salts (C12-18)	Fatty acids, C1218, Me esters, sulfonated,sodium salts	149458071	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
Fatty acids, methyl esters, sulfonated, sodium salts (C12-18)	Fatty acids, methyl esters, sulfonated, sodium salts (C1218)	149458071	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
FATTY ACIDS(C8-18)	Fatty acids, C818 and C18unsatd.	67701057	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
FATTY ACIDS(C8-18)	Fatty acids, C818 and C18unsatd.	67701057	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
FD&C Green No. 3 (CI 42053)	Color additives subject to batch certification	2353-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Green No. 3 (CI 42053)	FD&C GREEN NO. 3	2353-45-9	This substance must contain <0.01% unsulfonated primary aromatic amines, <2 ppm lead, and <100 ppm manganese	
FD&C Green No. 3 (CI 42053) Lake	Color additives subject to batch certification	2353-45-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Green No. 3 (CI 42053) Lake	FD&C GREEN NO. 3	2353-45-9	This substance must contain <0.01% unsulfonated primary aromatic amines, <2 ppm lead, and <100 ppm manganese	
FD&C Red No. 4 (CI 14700)	Color additives subject to batch certification	4548-53-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Red No. 4 (CI 14700) Lake	Color additives subject to batch certification	84455-18-5	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Red No. 40 (CI 16035)	FD&C Red 40	25956-17-6	Due to their link to carcinogenicity, this substance must contain less than 10 ppm total unsulfonated primary aromatic amines, including aniline, 6methoxymtoluidine, and Inaphthylamine.	
FD&C Red No. 40 (CI 16035)	Color additives subject to batch certification	25956-17-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Red No. 40 (CI 16035)	FD&C RED NO. 40	25956-17-6	This substance must contain <2ppm lead, <1ppm mercury, and <1ppm cadmium.	
FD&C Red No. 40 (CI 16035)	FD&C RED NO. 40	25956-17-6	This substance may not be exposed to oxidizing or reducing agents that could affect the integrity of the color additives or any other condition that may affect their integrity, in accordance with FDA regulations.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
FD&C Red No. 40 (CI 16035) Lake	FD&C Red 40	25956-17-6	Due to their link to carcinogenicity, this substance must contain less than 10 ppm total unsulfonated primary aromatic amines, including aniline, 6methoxymtoluidine, and Inaphthylamine.	
FD&C Red No. 40 (CI 16035) Lake	Color additives subject to batch certification	25956-17-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Red No. 40 (CI 16035) Lake	FD&C RED NO. 40	25956-17-6	This substance must contain <2ppm lead, <1ppm mercury, and <1ppm cadmium.	
FD&C Red No. 40 (CI 16035) Lake	FD&C RED NO. 40	25956-17-6	This substance may not be exposed to oxidizing or reducing agents that could affect the integrity of the color additives or any other condition that may affect their integrity, in accordance with FDA regulations.	
FD&C Yellow No. 5 (CI 19140)	FD&C YELLOW NO. 5	1934210	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
FD&C Yellow No. 5 (CI 19140)	Color additives subject to batch certification	1934-21-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Yellow No. 5 (CI 19140)	FD&C Yellow 5	1934-21-0	This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb Inaphthylamine.	
FD&C Yellow No. 5 (CI 19140) Lake	FD&C Yellow 5 Aluminum Lake	12225217	This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb Inaphthylamine.	
FD&C Yellow No. 5 (CI 19140) Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Yellow No. 5 (CI 19140) Lake	FD&C Yellow 5		This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb Inaphthylamine.	
FD&C Yellow No. 5 (CI 19140) Zirconium Lake	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Yellow No. 5 (CI 19140) Zirconium Lake	FD&C Yellow 5		This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine, <5 ppb 2aminobiphenyl, and <5 ppb Inaphthylamine.	
FD&C Yellow No. 6 (CI 15985)	Color additives subject to batch certification		Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Yellow No. 6 (CI 15985)	FD&C YELLOW NO. 6		This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine.	
FD&C Yellow No. 6 (CI 15985) Lake	Color additives subject to batch certification	15790-07-5	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
FD&C Yellow No. 6 (CI 15985) Lake	FD&C YELLOW NO. 6	15790-07-5	This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine.	
FENUGREEK	FENUGREEK		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
FENUGREEK ABSOLUTE	FENUGREEK ABSOLUTE	68990-15-8	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
FERRIC AMMONIUM FERROCYANIDE	FERRIC AMMONIUM FERROCYANIDE	25869-00-5	Per the U.S. FDA., ferric ammonium ferrocyanide shall conform to the following specifications and shall be free of impurities other than those named to the extent that the other impurities may be avoided by good manufacturing practice: Oxalic acid or its salts, not more than 0.1 percent. Water soluble matter, not more than 3 percent. Water soluble cyanide, not more than 10 parts per million. Volatile matter, not more than 4 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Nickel (as Ni), not more than 200 parts per million. Cobalt (as Co), not more than 200 parts per million. Mercury (as Hg), not more than 1 part per million. Total iron (as Fe corrected for volatile matter), not less than 33 percent and not more than 39 percent.	x
FERRIC CITRATE	FERRIC CITRATE	3522-50-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in rinseoff products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
FERRIC FERROCYANIDE	FERRIC FERROCYANIDE	14038-43-8	Per the U.S. FDA, ferric ferrocyanide shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Water soluble cyanide, not more than 10 parts per million. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Nickel (as Ni), not more than 200 parts per million. Cobalt (as Co), not more than 200 parts per million. Mercury (as Hg), not more than 1 part per million. Oxalic acid, not more than 0.1 percent. Water soluble matter, not more than 3 percent. Volatile matter, not more than 10 percent. Total iron (as Fe corrected for volatile matter), not less than 37 percent and not more than 45 percent.	x
FERULA GALBANIFLUA (FERULA GUMMOSA) RESIN OIL	Galbanum oil	8023914	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FERULA GALBANIFLUA (FERULA GUMMOSA) RESIN OIL	Galbanum resin	8023914	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FERULIC ACID	FERULICACID	1135-24-6	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
FIBROIN/PEG-16/SODIUM ACRYLATE COPOLYMER	Fibroin/peg16/sodium Acrylate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
FLUORO C2-8 ALKYLDIMETHICONE	FLUORO C2-8 ALKYLDIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
FOENICULUM VULGARE (FENNEL)	FOENICULUM VULGARE (FENNEL)		Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) EXTRACT	FOENICULUM VULGARE (FENNEL) EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) FRUIT EXTRACT	FOENICULUM VULGARE (FENNEL) FRUIT EXTRACT	84625398	Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) OIL	Fennel oil, bitter	8006846	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FOENICULUM VULGARE (FENNEL) OIL	Fennel oil, sweet	8006846	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FOENICULUM VULGARE (FENNEL) OIL	FOENICULUM VULGARE (FENNEL) OIL	8006846	Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) ROOT EXTRACT	FOENICULUM VULGARE (FENNEL) ROOT EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) SEED EXTRACT	FOENICULUM VULGARE (FENNEL) SEED EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) SEEDS	FOENICULUM VULGARE (FENNEL) SEEDS		Estragole is restricted to 0.01% or less in the finished product.	
FOENICULUM VULGARE (FENNEL) TINCTURE	FOENICULUM VULGARE (FENNEL) TINCTURE		Estragole is restricted to 0.01% or less in the finished product.	
FOIN ABSOLUTE	Hay absolute	8031003	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
FOLIC ACID	FOLIC ACID	59303	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
FORMIC ACID, CALCIUM SALT	Calcium diformate	544172	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
FUCOIDAN, FROM FUCUS VESICULOSUS	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUCUS SERRATUS	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
FUCUS SERRATUS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUCUS VESICULOSIS (BLADDERWRACK) OIL	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUCUS VESICULOSUS	Fucus vesiculosus extract	84696139	The Cosmetic Ingredient Review has determined this ingredient to be safe as used up to a concentration of 5%.	
FUCUS VESICULOSUS	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUCUS VESICULOSUS EXTRACT	Fucus vesiculosus extract	84696139	The Cosmetic Ingredient Review has determined this ingredient to be safe as used up to a concentration of 5%.	
FUCUS VESICULOSUS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUCUS VESICULOSUS POWDER	Fucus vesiculosus extract	84696139	The Cosmetic Ingredient Review has determined this ingredient to be safe as used up to a concentration of 5%.	
FUCUS VESICULOSUS POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
FUSANUS SPICATUS WOOD OIL	Sandalwood oil, Australian	8024359	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
GALAXOLIDE	hexamethylindanopyr n	1222055	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
GALAXOLIDE	hexamethylindanopyr n	1222055	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of hexamethylindanopyrn be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
GARLIC OIL	Garlic oil	8000780	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
GELATIN/LYSINE/POLYACRYLAMIDE HYDROXYPROPYLTRIMONIUM CHLORIDE	GELATIN/LYSINE/PO LYACRYLAMIDE HYDROXYPROPYLTR IMONIUM CHLORIDE		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
GELIDIUM CARTILAGINEUM (RED ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
GERANIAL	citral	5392405; 141275; 106263	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
GERANIOL	Geraniol	106241	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
GERANIOL	Geraniol	106241	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
GERANIOL	Geraniol	106241	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Geraniol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
GERANIUM MACULATUM (SPOTTED CRANESBILL) OIL	Geranium oil	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Geranium oil, saponified	Citronellol	106229; 1117619; 26489010; 6812788; 141253; 68916438; 7540514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
GIGARTINA PAPILLATA (RED ALGAE)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Gingergrass oil	Gingergrass oil	8023925	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
GLUTARAL	Glutaral	111308	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in rinseoff products, and may not be used in aerosol products.	
GLYCERETH-26	Glycereth26	31694550	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCERETH-7/IPDI COPOLYMER	GLYCERETH7/IPDI COPOLYMER	51606338	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCERIN	Glycerin	56815	Health Canada requires manufacturers of oral and leaveon products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	
GLYCERYL STEARATE/ PEG-100 STEARATE	Glyceryl Stearate/ Peg100 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCERYL UNDECYL DIMETHICONE	GLYCERYL UNDECYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
GLYCERYL UNDECYL DIMETHICONE	GLYCERYL UNDECYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
GLYCOFUROL	Glycofurol	31692-85-0	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCOL DIMETHACRYLATE/VINYL ALCOHOL CROSSPOLYMER	GLYCOL DIMETHACRYLATE/VINYL ALCOHOL CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Glycols, 1,2-, C12-16, ethoxylated propoxylated	Glycols, 1,2, C1216, ethoxylated propoxylated	154248983	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCOLS, POLYETHYLENE, MONO(P-OCTYLPHENYL) ETHER	Glycols, Polyethylene, Mono(P-Octylphenyl) Ether	26636328	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GLYCYRRHETINIC ACID	GLYCYRRHETINIC ACID	471-53-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
GLYCYRRHETINYL STEARATE	GLYCYRRHETINYL STEARATE	4827-59-2	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
GLYCYRRHIZIC ACID	GLYCYRRHIZIC ACID	1405-86-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals	
GOSSYPIUM HERBACEUM (COTTON) SEED OIL	COTTONSEED (GOSSYPIUM) OIL	8001-29-4	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
GOSSYPIUM HERBACEUM (COTTON) SEED OIL	gossypium (cotton) seed oil	8001-29-4	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
GRAPE SEED OIL PEG-8 ESTERS	Grape Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
GUAIAZULENE	GUAIAZULENE	489-84-9	Per the U.S. FDA, guaiazulene shall conform to the following specifications and shall be free from impurities, other than those named, to the extent that such other impurities may be avoided by good manufacturing practice. Melting point, 30.5 °C to 31.5 °C. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million. Total color, not less than 99 percent.	x
HAEMATOCOCCUS PLUVIALIS (ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HALIDRYS SILIQUOSA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HALOPTERIS SCOPARIA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HAMAMELIS VIRGINIANA (WITCH HAZEL) BARK EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance must contain less than 20 ppm heavy metal, 10 ppm lead, 2 ppm arsenic, and 1 ppm cadmium	
HAMAMELIS VIRGINIANA (WITCH HAZEL) BARK EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance may not be produced with, or contain detectable levels of, cyclopentasiloxane.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) BARK EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT		Products containing this substance must not contain detectable levels of phenol.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance must contain less than 20 ppm heavy metal, 10 ppm lead, 2 ppm arsenic, and 1 ppm cadmium	
HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance may not be produced with, or contain detectable levels of, cyclopentasiloxane.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696-19-5	Products containing this substance must not contain detectable levels of phenol.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	Products containing this substance must contain less than 0.01% safrrole.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance must contain less than 20 ppm heavy metal, 10 ppm lead, 2 ppm arsenic, and 1 ppm cadmium	
HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696195	This substance may not be produced with, or contain detectable levels of, cyclopentasiloxane.	
HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT	HAMAMELIS VIRGINIANA (WITCH HAZEL) EXTRACT	84696-19-5	Products containing this substance must not contain detectable levels of phenol.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
HASLEA OSTREARIA (BLUE ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HAZEL SEED OIL PEG-8 ESTERS	Hazel Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HECTORITE	HECTORITE	12173476	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	
HELIANTHUS ANNUUS (SUNFLOWER)	HELIANTHUS ANNUUS (SUNFLOWER)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
HELIOTROPINE	HELIOTROPINE	120570	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HEMATITE	HEMATITE	1317-60-8	Per the U.S. FDA., iron oxides shall conform to the following specifications, all on an "as is" basis: Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 10 parts per million. Mercury (as Hg), not more than 3 parts per million.	x
HEXADECANOLIDE	HEXADECANOLACT ONE	109295	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HEXADECANOLIDE	HEXADECANOLACT ONE	109295	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of hexadecanolactone be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
HEXAMIDINE	HEXAMIDINE	3811-75-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane.	
HEXAMIDINE DIISETHIONATE	HEXAMIDINE DIISETHIONATE	659-40-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane.	
HEXANAL	Hexanal	66251	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HEXYL CINNAMAL	HEXYL CINNAMAL	101860	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HEXYL CINNAMAL	αHexyl cinnamic aldehyde	101860	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
HEXYL CINNAMAL	Hexyl cinnamaldehyde	101860	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Hexyl cinnamaldehyde be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
Hexyl D-glucoside	Hexyl Dglucoside	54549245	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Hexyl D-glucoside	Hexyl Dglucoside	54549245	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
HEXYL SALICYLATE	Hexyl salicylate	6259763	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HEXYL SALICYLATE	Hexyl salicylate	6259763	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
HEXYLDECETH-2	HEXYLDECETH2	52609195	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
HEXYLDECETH-20	HEXYLDECETH20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HEXYLENE GLYCOL	Hexylene glycol	107415	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Hexyloxy Dimethyltetrahydrofuran	Hexyloxy Dimethyltetrahydrofuran	1497420-94-6	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	x
Hexyloxy Dimethyltetrahydrofuran	Hexyloxy Dimethyltetrahydrofuran	1497420-94-6	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	x
HIMANTHALIA ELONGATA (BROWN ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HIMANTHALIA ELONGATA POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Hinoki leaf oil	Hinoki leaf oil	91745970	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HIZIKIA FUSIFORME EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algaederived ingredients, EWG does not allow this substance to contain detectable levels of cadmium, lead, mercury, copper, zinc, arsenic, nickel, silver, or iodine.	
HIZIKIA FUSIFORME EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HUMULUS LUPULUS (HOPS)	HUMULUS LUPULUS (HOPS)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
HYACINTHUS ORIENTALIS (HYACINTH) FLOWER EXTRACT	HYACINTHUS ORIENTALIS (HYACINTH) FLOWER EXTRACT	94333752	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYACINTHUS ORIENTALIS (HYACINTH) LEAF EXTRACT	HYACINTHUS ORIENTALIS (HYACINTH) FLOWER EXTRACT	94333752	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYACINTHUS ORIENTALIS (HYACINTH) LEAF EXTRACT	HYACINTHUS ORIENTALIS (HYACINTH) LEAF EXTRACT	94333752	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYACINTHUS ORIENTALIS EXTRACT	HYACINTHUS ORIENTALIS EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYDRATROPIC ALDEHYDE	2PHENYLPROPIONAL DEHYDE	93538	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
HYDROGEN DIMETHICONE	HYDROGEN DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
HYDROGEN PEROXIDE	Hydrogen peroxide	7722841	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
HYDROGEN PEROXIDE	Hydrogen peroxide	7722841	Use limited to 3% in spray products based on concerns for respiratory irritation identified by ATSDR and 35% in other product categories based on specific concentration limits for skin irritation from the Globally Harmonized System of Classification and Labelling of Chemicals.	
HYDROGENATED CASTOR OIL PEG-8 ESTERS	Hydrogenated Castor Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROGENATED COTTONSEED GLYCERIDE	HYDROGENATED COTTONSEED GLYCERIDE	61789-07-9	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
HYDROGENATED PALM/ PALM KERNEL OIL PEG-6 ESTERS	Hydrogenated Palm/ Palm Kernel Oil Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROGENATED TALLOWALKONIUM CHLORIDE	HYDROGENATED TALLOWALKONIUM CHLORIDE	61789728	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
HYDROLYZED ALGAE EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HYDROLYZED ALGIN	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HYDROLYZED FUCUS VESICULOSUS EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HYDROLYZED FUCUS VESICULOSUS PROTEIN	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
HYDROLYZED PLUKENETIA VOLUBILIS SEED EXTRACT	HYDROLYZED PLUKENETIA VOLUBILIS SEED EXTRACT		Seedderived substances from P. volubilis can contain aflatoxins, depending on cultivation and processing. This substance must not contain detectable levels of aflatoxins.	
HYDROLYZED SOY PROTEIN/DIMETHICONE PEG-7 ACETATE	Hydrolyzed Soy Protein/dimethicone Peg7 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
HYDROLYZED WHEAT PROTEIN/DIMETHICONE PEG-7 ACETATE	Hydrolyzed Wheat Protein/dimethicone Peg7 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROLYZED WHEAT PROTEIN/DIMETHICONE PEG-7 PHOSPHATE COPOLYMER	Hydrolyzed Wheat Protein/dimethicone Peg7 Phosphate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROLYZED WHEAT PROTEIN/PEG-20 ACETATE COPOLYMER	Hydrolyzed Wheat Protein/peg20 Acetate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROXYCETETH-60	Hydroxyceteth60		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROXYCITRONELLAL	Hydroxycitronellal	107755	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HYDROXYCITRONELLAL	Hydroxycitronellal	107755	The International Fragrance Association restricts this ingredient to a maximum concentration of 1% in household cleaning products.	
HYDROXYCITRONELLAL	Hydroxycitronella	107755	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Hydroxycitronella be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER	HYDROXYETHYL ACRYLATE/METHOX YETHYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
HYDROXYETHYL DIMETHICONE LAURATE	HYDROXYETHYL DIMETHICONE LAURATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
HYDROXYETHYL DIMETHICONE LAURATE	HYDROXYETHYL DIMETHICONE LAURATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
HYDROXYETHYLBUTYLAMINE LAURETH SULFATE	Hydroxyethylbutylamine Laureth Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROXYETHYLCELLULOSE	HYDROXYETHYLCELLULOSE	9004620	The total concentration of persistent ingredients cannot exceed 2%.	
HYDROXYMETHYLPENTYLCYCLOHEXENE CARBALDEHYDE	4(4Hydroxy4methylp entyl)3cyclohexene1ca rboxaldehyde (HMPPC)	51414256	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in household cleaning products.	
HYDROXYPROPYL METHYLCELLULOSE	Hydroxypropyl Methylcellulose	9004653	The total concentration of persistent ingredients cannot exceed 2%.	
HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE	Hydroxypropyl Panthenyl Peg7 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
HYDROXYPROPYLCOCOATE PEG-8 DIMETHICONE	HYDROXYPROPYLCO COATE PEG-8 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
HYDROXYPROPYLCOCOATE PEG-8 DIMETHICONE	HYDROXYPROPYLCO COATE PEG-8 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
HYDROXYPROPYLDIMETHICONE	HYDROXYPROPYLDIMETHICONE	102782-61-6	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
HYDROXYPROPYLDIMETHICONE	HYDROXYPROPYLDIMETHICONE	102782-61-6	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
HYDROXYSTEARIC ACID	HYDROXYSTEARIC ACID	106149	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
HYSSOP OIL	Hyssop oil	8006835	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HYSSOPUS OFFICINALIS (HYSSOP)	HYSSOPUS OFFICINALIS (HYSSOP)		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYSSOPUS OFFICINALIS (HYSSOP)	HYSSOPUS OFFICINALIS (HYSSOP)		Estragole is restricted to 0.01% or less in the finished product.	
HYSSOPUS OFFICINALIS (HYSSOP) OIL	HYSSOPUS OFFICINALIS (HYSSOP) OIL	8006835	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYSSOPUS OFFICINALIS (HYSSOP) OIL	HYSSOPUS OFFICINALIS LEAF OIL	8006835	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYSSOPUS OFFICINALIS (HYSSOP) OIL	HYSSOPUS OFFICINALIS (HYSSOP) OIL	8006835	Estragole is restricted to 0.01% or less in the finished product.	
HYSSOPUS OFFICINALIS (HYSSOP) OIL	HYSSOPUS OFFICINALIS LEAF OIL	8006835	Estragole is restricted to 0.01% or less in the finished product.	
HYSSOPUS OFFICINALIS EXTRACT	HYSSOPUS OFFICINALIS EXTRACT	84603667	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYSSOPUS OFFICINALIS EXTRACT	HYSSOPUS OFFICINALIS EXTRACT	84603667	Estragole is restricted to 0.01% or less in the finished product.	
HYSSOPUS OFFICINALIS LEAF OIL	Hyssop oil	8006835	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
HYSSOPUS OFFICINALIS LEAF OIL	HYSSOPUS OFFICINALIS LEAF OIL	8006835	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
HYSSOPUS OFFICINALIS LEAF OIL	HYSSOPUS OFFICINALIS LEAF OIL	8006835	Estragole is restricted to 0.01% or less in the finished product.	
ILLICIIUM VERUM (ANISE) OIL	Star Anise oil	68952432	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ILLICIIUM VERUM (ANISE) OIL	ILLICIIUM VERUM (ANISE) OIL		Estragole is restricted to 0.01% or less in the finished product.	
ILLICIIUM VERUM (ANISE) SEED OIL	ILLICIIUM VERUM (ANISE) SEED OIL		Estragole is restricted to 0.01% or less in the finished product.	
INULIN		9005-80-5	The Cosmetic Ingredient Review panel states this substance should contain no more than the following: 1 mg/kg lead, 0.2% ash, and 15% (combined) of monosaccharides (as fructose and glucose) and disaccharides (as sucrose), calculated on the dried basis.	x
IODOPROPYNYL BUTYL CARBAMATE	3Iodo2propynylbutyl carbamate	55406536	The European Commission restricts this ingredient to a maximum concentration of 0.02% in rinseoff products, 0.015% in leaveon products, and 0.0075% in deodorants/antiperspirants	
IODOPROPYNYL BUTYL CARBAMATE	IODOPROPYNYLBUTYL CARBAMATE	55406-53-6	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.02% in rinseoff products (not applied to mucosa).	
IPDI/PEG-15 COCAMINE COPOLYMER	Ipdi/peg15 Cocamine Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
IPDI/PEG-15 COCAMINE COPOLYMER DIMER DILINOLEATE	Ipdi/peg15 Cocamine Copolymer Dimer Dilinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
IPDI/PEG-15 COCAMINE/GLYCERETH-7/POLYGLYCERYL-3 COPOLYMER	Ipdi/peg15 Cocamine/glycereth7/polyglyceryl3 Copolymer	373387509	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
IPDI/PEG-15 SOY GLYCINATE COPOLYMER	IpdI/peg15 Soy Glycinate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
IPDI/PEG-15 SOYAMINE COPOLYMER	IpdI/peg15 Soyamine Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
IPDI/PEG-15 SOYAMINE OXIDE COPOLYMER	IpdI/peg15 Soyamine Oxide Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
IPDI/PEG-15 SOYETHONIUM ETHOSULFATE COPOLYMER	IpdI/peg15 Soyethonium Ethosulfate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOAMYL ALLYLGLYCOLATE	ISOAMYL ALLYLGLYCOLATE	67634008	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ISOAMYL SALICYLATE	ISOAMYL SALICYLATE	87207	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOAMYL SALICYLATE	ISOAMYL SALICYLATE	87207	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOBERGAMATE	Menthadiene7methyl formate	68683205	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
ISOBUTYL METHACRYLATE/BIS-HYDROXYPROPYL DIMETHICONE ACRYLATE COPOLYMER	ISOBUTYL METHACRYLATE/BIS-HYDROXYPROPYL DIMETHICONE ACRYLATE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
ISOBUTYL SALICYLATE	ISOBUTYL SALICYLATE	87194	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOCETEARETH-8 STEARATE	Isoceteareth8 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-10	ISOCETETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-10 STEARATE	Isoceteth10 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-12	ISOCETETH12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-15	ISOCETETH15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-20	ISOCETETH20	69364632	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-25	ISOCETETH25		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-3 ACETATE	Isoceteth3 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-30	ISOCETETH30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCETETH-5	ISOCETETH5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ISOCETETH-7	ISOCETETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOCYCLOCITRAL	ISOCYCLOCITRAL	1335666	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOCYCLOCITRAL	ISOCYCLOCITRAL	1335666; 1423467; 67634075	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ISOCYCLOGERANIOL	ISOCYCLOGERANIOL	68527775	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.5% in household cleaning products.	
ISODECETH-2 COCOATE	Isodeceth2 Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISODECETH-4	ISODECETH4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISODECETH-5	ISODECETH5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISODECETH-6	ISODECETH6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOEUGENOL	Isoeugenol	97541	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOEUGENOL	Isoeugenol	97541	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ISOEUGENOL	Isoeugenol	97541	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Isoeugenol be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
ISOLAURETH-10	ISOLAURETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOLAURETH-3	ISOLAURETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOLAURETH-4 PHOSPHATE	Isolaureth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOLAURETH-6	ISOLAURETH6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOLONGIFOLANONE	ISOLONGIFOLENEKETONE	33407624; 23787908	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Isolongifolene ketone	ISOLONGIFOLENEKETONE	33407624; 23787908	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ISOMETHYL-beta-IONONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
ISOPENTYL ALCOHOL, NITRITE	ISOPENTYL ALCOHOL, NITRITE	110-46-3	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
ISOPROPYL METHOXYCINNAMATE	ISOPROPYLMETHOXYCINNAMATE	5466-76-2	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 7.9% in rinseoff products (not applied to mucosa) when combined with diisopropyl cinnamate ester (mixture of ethyl 2,4diisopropyl cinnamate and methyl 2,4diisopropyl cinnamate).	
ISOPROPYL MYRISTATE	ISOPROPYL MYRISTATE	110270	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ISOPROPYL PPG-2 ISODECETH-7 CARBOXYLATE	Isopropyl Ppg2 Isodeceth7 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOPROPYLAMINE DODECYLBENZENESULFONATE	ISOPROPYLAMINE DODECYLBENZENES ULFONATE	26264051	This ingredient is nonaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
ISOPROPYLAMINE DODECYLBENZENESULFONATE	ISOPROPYLAMINE DODECYLBENZENES ULFONATE	26264051	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ISOPROPYLAMINE DODECYLBENZENESULFONATE	ISOPROPYLAMINE DODECYLBENZENES ULFONATE	26264051	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
ISOPROPYLDIENEDIPHENOL BISHYDROXYPROPYL PEG-180	Isopropyldenediphen ol Bishydroxypropyl Peg180		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARETH-10	ISOSTEARETH10	52292178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARETH-10	ISOSTEARETH2	52292178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARETH-10	ISOSTEARETH20	52292178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARETH-2	ISOSTEARETH2	52292178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARETH-20	ISOSTEARETH20	52292178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ISOSTEARIC ACID	Isooctadecanoic acid (Isostearicacid)	30399849	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
ISOSTEARYL CARBOXYDECYL PEG-8 DIMETHICONE	Isostearyl Carboxydecyl Peg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Jasmine	Jasmine absolute (sambac)	91770148	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
Jasmine	Jasminum Sambac Flower CERA / Extract / Water	91770148	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINE ABSOLUTE	Jasmine absolute	8022966	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINE ABSOLUTE	Jasmine absolute	84776647	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINE ABSOLUTE	Jasmine absolute (grandiflorum)	8022966; 8024439; 90045946; 84776647	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
JASMINE ABSOLUTE	JASMINUM GRANDIFLORUM / OFFICINALE	84776647; 90045946; 8022966	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINE ABSOLUTE	JASMINUM GRANDIFLORUM / OFFICINALE	84776-64-7	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM GRANDIFLORUM (JASMINE)	JASMINUM GRANDIFLORUM / OFFICINALE		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
JASMINUM GRANDIFLORUM (JASMINE) ABSOLUTE	JASMINUM GRANDIFLORUM / OFFICINALE		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM grandiflorum (JASMINE) FLOWER WATER	JASMINUM GRANDIFLORUM / OFFICINALE		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM GRANDIFLORUM (JASMINE) FLOWER WAX	JASMINUM GRANDIFLORUM / OFFICINALE		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM GRANDIFLORUM (JASMINE) OIL	JASMINUM GRANDIFLORUM / OFFICINALE		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM OFFICINALE (JASMINE) EXTRACT	Jasmine absolute (grandiflorum)	8022966; 8024439; 90045946; 84776647	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
JASMINUM OFFICINALE (JASMINE) EXTRACT	JASMINUM GRANDIFLORUM / OFFICINALE	84776647; 90045946; 8022966	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINUM OFFICINALE (JASMINE) EXTRACT	JASMINUM GRANDIFLORUM / OFFICINALE	90045-94-6	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JASMINUM OFFICINALE (JASMINE) OIL	Jasmine absolute	8022966	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINUM OFFICINALE (JASMINE) OIL	Jasmine absolute (grandiflorum)	8022966; 8024439; 90045946; 84776647	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
JASMINUM OFFICINALE (JASMINE) OIL	Jasmine oil	8022966	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINUM OFFICINALE (JASMINE) OIL	JASMINUM GRANDIFLORUM / OFFICINALE	84776647; 90045946; 8022966	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JASMINUM OFFICINALE (JASMINE) OIL	JASMINUM GRANDIFLORUM / OFFICINALE	8022-96-6	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of jasminum grandiflorum / officinale be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JUNIPER BERRY OIL	Juniper berry oil	8002684	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JUNIPERUS COMMUNIS FRUIT OIL	Juniper berry oil	8002684	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JUNIPERUS OXYCEDRUS WOOD OIL	Cade oil (Juniperus oxycedrus L.)	8013103; 90046029	Crude cade oil derived by pyrolysis of the wood and twigs of Juniperus oxycedrus L. should not be used as a fragrance ingredient. Only rectified (purified) cade oils being in compliance with the maximum limit for polynuclear aromatic hydrocarbons should be used. Limit content of polynuclear aromatic hydrocarbons (PAH) resulting from the use of rectified oils according to Good Manufacturing Practice. Benzopyrene and 1,2Benzanthracene are to be used as markers for PAH. If used alone or in combination with rectified Birch tar oils, rectified Opoponax oil or rectified Styrax oil, the total concentration of both of the markers should not exceed 1 ppb in the final product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
JUNIPERUS OXYCEDRUS WOOD OIL RECTIFIED	Cade oil (Juniperus oxycedrus L.)	8013103; 90046029	Crude cade oil derived by pyrolysis of the wood and twigs of Juniperus oxycedrus L. should not be used as a fragrance ingredient. Only rectified (purified) cade oils being in compliance with the maximum limit for polynuclear aromatic hydrocarbons should be used. Limit content of polynuclear aromatic hydrocarbons (PAH) resulting from the use of rectified oils according to Good Manufacturing Practice. Benzopyrene and 1,2Benanthracene are to be used as markers for PAH. If used alone or in combination with rectified Birch tar oils, rectified Opoponax oil or rectified Styrax oil, the total concentration of both of the markers should not exceed 1 ppb in the final product.	
JUNIPERUS VIRGINIANA (VIRGINIA RED CEDAR)	JUNIPERUS VIRGINIANA	8000279; 85085412	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JUNIPERUS VIRGINIANA (VIRGINIA RED CEDAR)	JUNIPERUS VIRGINIANA		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of juniperus virginiana be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
JUNIPERUS VIRGINIANA (VIRGINIA RED CEDAR) OIL	JUNIPERUS VIRGINIANA	8000279; 85085412	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
JUNIPERUS VIRGINIANA WOOD OIL	JUNIPERUS VIRGINIANA	8000279; 85085412	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
KAOLIN	Kaolin	1332587	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	
Kaolin Clay	kaolin clay		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	
KAOLIN, CALCINED	Kaolin, calcined	92704411	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product	
KELP SULFATED OLIGOSACCHARIDES	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
I-allo-OCIMENOL	Linalool; dLinalool; lLinalool	78706; 126909; 126910	Linalool and natural products known to be rich in linalool, such as bois de rose, coriander or ho wood oil, should only be used when the level of peroxides is kept to the lowest practical level. It is recommended to add antioxidants at the time of production of the raw material. The addition of 0.1% BHT or alphanatocopherol for example has shown great efficiency. The maximum peroxide level for products in use should be 20 millimoles per liter. The (hydro)peroxide content can be determined by using the FMA method.	
I-alpha-PINENE	ALPHAPINENE	80568	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
I-alpha-PINENE	ALPHAPINENE	80568	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of alphapinene be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
I-CARVONE	CARVONE	99490; 2244168; 6485401	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
I-CARVONE	CARVONE	99490; 6485401; 2244168	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
I-CARVONE	LCarvone	6485401	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
I-DIHYDROGERANIOL	Citronellol	106229; 1117619; 26489010; 6812788; 141253; 68916438; 7540514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
LACTIC ACID	DLlactic acid	50215	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LACTIC ACID	DLlactic acid	50215	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LACTIC ACID, L-	L(+)-lactic acid	79334	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LACTOBACILLUS/ALGAE EXTRACT FERMENT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LACTOBACILLUS/KELP FERMENT FILTRATE	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA DIGITATA	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA DIGITATA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA DIGITATA POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA HYPERBOREA	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA HYPERBOREA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA SACCHARINA	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LAMINARIA SACCHARINA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LANETH-15	LANETH15	61791206	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURALDEHYDE	lauraldehyde	112549	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAURAMIDOPROPYL BETAINE	LAURAMIDOPROPYL BETAINE	4292108	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURAMIDOPROPYL BETAINE	LAURAMIDOPROPYL BETAINE	4292108	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURAMIDOPROPYL DIMETHYLAMINE	Lauramidopropyl dimethylamine	3179804	Limited to 1% due to classification 'causes severe skin burns and eye damage' (GHS H314).	
LAURAMIDOPROPYLAMINE OXIDE	Lauramidopropylamine oxide	61792312	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURAMIDOPROPYLAMINE OXIDE	Lauramidopropylamine oxide	61792312	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURAMINE OXIDE	Dodecyl dimethylamine oxide	1643205	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURAMINE OXIDE	Dodecyl dimethylamine oxide	1643205	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURETH SULFOSUCCINATE	Laureth Sulfosuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-1	LAURETH1	4536305	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-1 PHOSPHATE	Laureth1 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10	LAURETH10	6540994	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10	LAURETH10	6540994	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURETH-10 CARBOXYLIC ACID	Laureth10 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10 CARBOXYLIC ACID	Laureth11 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10 CARBOXYLIC ACID	Laureth13 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10 CARBOXYLIC ACID	Laureth14 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-10 CARBOXYLIC ACID	Laureth17 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-11	LAURETH11	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-11 CARBOXYLIC ACID	Laureth11 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-12	LAURETH12	3056006	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-12 CARBOXYLIC ACID	Laureth12 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-12 SUCCINATE	Laureth12 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURETH-13	LAURETH13	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-13 CARBOXYLIC ACID	Laureth13 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-13 PG-HYDROXYETHYLCELLULOSE	Laureth13 PgHydroxyethylcellulose	312601971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-14	LAURETH14	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-14 CARBOXYLIC ACID	Laureth14 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-15	LAURETH15	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-16	LAURETH16	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-17 CARBOXYLIC ACID	Laureth17 Carboxylic Acid	27306907	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-2	LAURETH2	3055934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-2 ACETATE	Laureth2 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-2 BENZOATE	Laureth2 Benzoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-2 ETHYLHEXANOATE	Laureth2 Ethylhexanoate	125804140	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-2 PHOSPHATE	Laureth2 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-20	LAURETH20	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-21	LAURETH21		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-25	LAURETH25	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-3	LAURETH3	3055945	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-3 CARBOXYLIC ACID	Laureth3 Carboxylic Acid	20858246	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURETH-3 PHOSPHATE	Laureth3 Phosphate	25852453	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-30	LAURETH30	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-35	Laureth35		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-38	LAURETH38	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-4	LAURETH4	5274680	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-4 CARBOXYLIC ACID	Laureth4 Carboxylic Acid	20858257	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-4 PHOSPHATE	Laureth4 Phosphate	39464669	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-4 PHOSPHATE	Laureth7 Phosphate	39464669	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-4 PHOSPHATE	Laureth8 Phosphate	39464669	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-40	LAURETH40	9002920	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-5	LAURETH5	3055956	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-5 BUTYL ETHER	Laureth5 Butyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-5 CARBOXYLIC ACID	Laureth5 Carboxylic Acid	21127457	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-50	LAURETH50		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-6	LAURETH6	3055967	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-6	LAURETH6	3055967	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURETH-6	LAURETH6	3055967	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURETH-6 CARBOXYLIC ACID	Laureth6 Carboxylic Acid	20260644	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-6 CITRATE	Laureth6 Citrate	161756305	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURETH-7	LAURETH7	3055978	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-7 CITRATE	Laureth7 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-7 METHYL LACTATE	Laureth7 Methyl Lactate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-7 PHOSPHATE	Laureth7 Phosphate	39464669	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-7 TARTRATE	Laureth7 Tartrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-8	LAURETH8	3055989	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-8 CARBOXYLIC ACID	Laureth8 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-8 PHOSPHATE	Laureth8 Phosphate	39464669	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-9	LAURETH9	3055990	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURETH-9	LAURETH9	3055990	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURETH-9	LAURETH9	3055990	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURIC ACID	Dodecanoic acid	143077	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURIC ACID	Dodecanoic acid	143077	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAUROCAPRAM	LAUROCAPRAM	59227-89-3	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	x
LAURUS NOBILIS	LAURUS NOBILIS	8002413; 8007485; 84603736	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAURUS NOBILIS	LAURUS NOBILIS		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of laurus nobilis be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
LAURUS NOBILIS LEAF	LAURUS NOBILIS LEAF		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LAURUS NOBILIS LEAF EXTRACT	LAURUS NOBILIS	8002413; 8007485; 84603736	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAURUS NOBILIS LEAF EXTRACT	Laurus Nobilis Leaf Extract	84603-73-6	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LAURUS NOBILIS LEAF WATER	LAURUS NOBILIS LEAF WATER		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LAURUS NOBILIS OIL	LAURUS NOBILIS	8002413; 8007485; 84603736	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURYL ACRYLATE CROSSPOLYMER	LAURYL ACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
LAURYL ACRYLATE/VA COPOLYMER	LAURYL ACRYLATE/VA COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
LAURYL ACRYLATE/VA CROSSPOLYMER	LAURYL ACRYLATE/VA CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
LAURYL BETAINE	Lauryldimethylbetaine	683103	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURYL BETAINE	Lauryldimethylbetaine	683103	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURYL DIMETHICONE	LAURYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAURYL DIMETHICONE PEG-15 CROSSPOLYMER	LAURYL DIMETHICONE PEG15 CROSSPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURYL DIMETHICONE/POLYGLYCERIN-3 CROSSPOLYMER	LAURYL DIMETHICONE/POLY GLYCERIN-3 CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAURYL GLUCOSIDE	Lauryl Glucoside	27836642	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
LAURYL GLUCOSIDE	Lauryl Glucoside	27836-64-2	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
LAURYL GLUCOSIDE	LAURYL POLYGLUCOSE	27836642	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
LAURYL HYDROXSULTAINE	Lauryl hydroxysultaine	13197767	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
LAURYL HYDROXSULTAINE	Lauryl hydroxysultaine	13197767	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LAURYL METHACRYLATE/ GLYCOL DIMETHACRYLATE CROSSPOLYMER	LAURYL METHACRYLATE/ GLYCOL DIMETHACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAURYL METHACRYLATE/SODIUM METHACRYLATE CROSSPOLYMER	LAURYL METHACRYLATE/SODIUM METHACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
LAURYL PEG-10 METHYL ETHER DIMETHICONE	Lauryl Peg10 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURYL PEG-10 TRIS(TRIMETHYLSILOXY)SILYLETHYL DIMETHICONE	LAURYL PEG-10 TRIS(TRIMETHYLSILOXY)SILYLETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	Lauryl Peg9 Polydimethylsiloxethyl Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAURYL PEG/ PPG-18/ 18 METHICONE	Lauryl Peg/ Ppg18/ 18 Methicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LAURYL PEG/ PPG-18/ 18 METHICONE	LAURYL PEG/ PPG-18/ 18 METHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAURYL POLYGLUCOSE	Alkyl Polyglucoside (C1016)	110615479	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
LAURYL POLYGLUCOSE	Alkyl Polyglucoside (C1016)	110615479	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
LAURYL POLYGLUCOSE	LAURYL POLYGLUCOSE	27836642	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
LAURYL POLYGLUCOSE	LAURYL POLYGLUCOSE	110615-47-9	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
LAURYL POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE	LAURYL POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LAVANDULA ANGUSTIFOLIA (LAVENDER)	LAVANDULA OFFICINALIS	84776658	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA ANGUSTIFOLIA (LAVENDER)	Lavender absolute	8000280	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA ANGUSTIFOLIA (LAVENDER)	Lavender oil	8000280	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA ANGUSTIFOLIA (LAVENDER)	LAVANDULA OFFICINALIS	84776658	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of lavandula officinalis be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
LAVANDULA ANGUSTIFOLIA (LAVENDER) EXTRACT	LAVANDULA OFFICINALIS	84776658	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL	Lavender oil	8000280	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LAVANDULA HYBRIDA EXTRACT	LAVANDULA HYBRIDA	91722699	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA HYBRIDA OIL	Lavandin abrialis oil	8022159	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA HYBRIDA OIL	LAVANDIN ABSOLUTE	8022159	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA HYBRIDA OIL	Lavandin grosso oil	8022159	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA HYBRIDA OIL	Lavandin oil	8022159	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA INTERMEDIA (LAVANDIN)	LAVANDULA HYBRIDA	91722699	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAVANDULA INTERMEDIA (LAVANDIN)	LAVANDULA HYBRIDA	91722699	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of lavandula hybrida be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
LAVANDULA LATIFOLIA (SPIKE LAVENDER) OIL	Spike lavender oil	8016782	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Lavender Oil	Lavender oil	8000280	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LAWSONE	LAWSONE	83-72-7	Per the U.S. FDA, henna shall conform to the following specifications: It shall not contain more than 10 percent of plant material from Lawsonia alba Lam. (Lawsonia inermis L.) other than the leaf and petiole, and shall be free from admixture with material from any other species of plant. Moisture, not more than 10 percent. Total ash, not more than 15 percent. Acid-insoluble ash, not more than 5 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million.	x
LAWSONIA INERMIS (HENNA)	LAWSONIA INERMIS (HENNA)	84988-66-9	Per the U.S. FDA, henna shall conform to the following specifications: It shall not contain more than 10 percent of plant material from Lawsonia alba Lam. (Lawsonia inermis L.) other than the leaf and petiole, and shall be free from admixture with material from any other species of plant. Moisture, not more than 10 percent. Total ash, not more than 15 percent. Acid-insoluble ash, not more than 5 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million.	x
LAWSONIA INERMIS (HENNA)	LAWSONIA INERMIS (HENNA)	84988-66-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
LECITHIN	LECITHIN	8002-43-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
Lemongrass terpenes	Lemongrass oil terpenes	72869820	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LESSONIA NIGRESCENS (GREY WEED)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
LEUCONOSTOC/RADISH ROOT FERMENT FILTRATE	LEUCONOSTOC/RADISH ROOT FERMENT FILTRATE		Use of this ingredient requires substantiation that it (1) does not contain didecyltrimethylammonium chloride and (2) meets the salicylic acid restriction.	
LILIAL	LILIAL	80546	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LILIAL	ptertButylmethylhydrocinnamic aldehyde (BMHCA)	80546	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
LILIAL	LILIAL	80546	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Lilial be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
Lime oil terpenes	Lime oil terpenes	68917715	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LIMONENE	Limonene	138863	d, l and dlimonene and natural products containing substantial amounts of it, should only be used when the level of peroxides is kept to the lowest practical level, for instance by adding antioxidants at the time of production. Such products should have a peroxide value of less than 20 millimoles peroxide per liter, determined according to the FMA method.	
LIMONENE	Limonene	138863	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LINALOOL	Linalool	78706	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LINALOOL	Linalool; dLinalool; lLinalool	78706; 126909; 126910	Linalool and natural products known to be rich in linalool, such as bois de rose, coriander or ho wood oil, should only be used when the level of peroxides is kept to the lowest practical level. It is recommended to add antioxidants at the time of production of the raw material. The addition of 0.1% BHT or alphanatocopherol for example has shown great efficiency. The maximum peroxide level for products in use should be 20 millimoles per liter. The (hydro)peroxide content can be determined by using the FMA method.	
LINALOOL	Linalool	78706	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Linalool be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
LINALOOL OXIDE	linalool oxide	60047-17-8	Limited to 1% due to classification "may cause severe skin burns and eye damage".	x
LINALYL ACETATE	LINALYL ACETATE	115957	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LINALYL ACETATE	linalyl acetate	115957	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of linalyl acetate be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
linear alcohol ethoxylates	Linear Alcohol Ethoxylates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LINEAR ALKYL BENZENE SULFONATE	Linear Alkylbenzene Sulfonate	42615292	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
LINEAR ALKYL BENZENE SULFONATE, SODIUM SALT (C10-13)	LINEAR ALKYL BENZENE SULFONATE, SODIUM SALT (C1013)	68411303	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Linear alkylbenzyl sulfonates (C10-13) sodium salts	Linear alkylbenzyl sulfonates (C1013) sodium salts	90194459	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Linear alkylbenzyl sulfonates (C10-14)	Linear alkylbenzyl sulfonates (C1014)	85117506	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Linear alkylbenzyl sulfonates (C10-16)	Benzenesulfonic acid, monoC1016alkyl derivs., sodium salts	68081812	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Linear alkylbenzyl sulfonates (C10-16)	Linear alkylbenzyl sulfonates (C1016)	68081812	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LINOLEAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE DIMETHICONE	LINOLEAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE DIMETHICONE	179005-04-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
LINOLEIC ACID	LINOLEIC ACID	60333	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
LINSEED OIL PEG-8 ESTERS	Linseed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LIPASE	LIPASE	9001621	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
LIPPIA CITRIODORA FLOWER EXTRACT	Verbena absolute (Lippia citriodora Kunth.)	8024122; 85116638	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in household cleaning products.	
LIPPIA CITRIODORA FLOWER EXTRACT	LIPPIA CITRIODORA FLOWER EXTRACT	85116638	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LIPPIA CITRIODORA FLOWER WATER	LIPPIA CITRIODORA FLOWER WATER		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LIPPIA CITRIODORA LEAF EXTRACT	LIPPIA CITRIODORA LEAF EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LIPPIA CITRIODORA LEAF/FLOWER OIL	LIPPIA CITRIODORA LEAF/FLOWER OIL		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LIPPIA CITRIODORA WATER	LIPPIA CITRIODORA WATER		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
LIQUIDAMBAR ORIENTALIS EXTRACT	Styrax (distillates)	94891277; 94981288	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.6% in household cleaning products.	
LITHIUM HYDROXIDE	LITHIUM HYDROXIDE	1310652	The European Commission restricts this ingredient to a maximum concentration of 2% in general use hair straighteners and 4.5% in professional use hair straighteners (The concentration of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In case of mixtures, the sum should not exceed the limits given in the column 'Maximum concentration in ready for use preparation'). As a pH adjuster, it can have a maximum pH of 12.7 in depilatories and 11 in all other rinseoff products.	
LITHIUM MAGNESIUM SODIUM SILICATE	Lithium Magnesium Sodium Silicate	53320868	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
LITHIUM OXIDIZED POLYETHYLENE	Lithium Oxidized Polyethylene		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
LITSEA CUBEBA (MAY CHANG) OIL	Litsea cubeba oil	68855992	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
LITSEA CUBEBA (MAY CHANG) OIL	LITSEA CUBEBA (MAY CHANG) OIL	68855992	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
LOCUST BEAN HYDROXYPROPYLTRIMONIUM CHLORIDE	LOCUST BEAN HYDROXYPROPYLTRIMONIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% in rinseoff products.	
LONGIFOLENE	Longifolene	475207	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
lyase, pectate	Lyase, pectate	9015752	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
LYRAL	3(4Hydroxy4methylpentyl)3cyclohexenecarboxaldehyde (HMPPC)	31906044	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in household cleaning products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
LYRAL	Hydroxymethylpentyl cyclohexenecarboxaldehyde	31906044	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Hydroxymethylpentylcyclohexenecarboxaldehyde be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
M-CRESOL	Cresol	108-39-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in rinseoff products (not applied to mucosa).	
m-tert-BUTYLPHENYL ISOBUTYRALDEHYDE	3(mtertButylphenyl)2 methylpropionaldehyde (mBMHCA)	62518654	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
m-TOLUALDEHYDE	o,m,pTolualdehydes and their mixtures	529204; 620235; 104870; 1334787	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
MACADAMIA TERNIFOLIA SEED OIL PEG-8 ESTERS	Macadamia Ternifolia Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MACROCYSTIS INTEGRIFOLIA (GIANT KELP) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
MACROCYSTIS PYRIFERA (KELP)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
MACROCYSTIS PYRIFERA (KELP) PROTEIN	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
MACROCYSTIS PYRIFERA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
MAGNESIUM ALUMINUM SILICATE	Magnesium Aluminum Silicate	1327431	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
MAGNESIUM CHLORIDE	MAGNESIUM CHLORIDE	7786303	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MAGNESIUM DODECYLBENZENESULFONATE	MAGNESIUM DODECYLBENZENESULFONATE	27479454	This ingredient is nonanaerobically degradable therefore its use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
MAGNESIUM LAURETH SULFATE	MAGNESIUM LAURETH SULFATE	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH SULFATE	Magnesium Laureth16 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH SULFATE	Magnesium Laureth5 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH SULFATE	Magnesium Laureth8 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MAGNESIUM LAURETH-11 CARBOXYLATE	Magnesium Laureth11 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH-16 SULFATE	Magnesium Laureth16 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH-2 SULFATE	Magnesium Laureth2 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH-3 SULFOSUCCINATE	MAGNESIUM LAURETH3 SULFOSUCCINATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH-5 SULFATE	Magnesium Laureth5 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURETH-8 SULFATE	Magnesium Laureth8 Sulfate	62755219	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM LAURYL SULFATE	MAGNESIUM LAURYL SULFATE	3097083	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MAGNESIUM LAURYL SULFATE	MAGNESIUM LAURYL SULFATE	3097083	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MAGNESIUM NITRATE	MAGNESIUM NITRATE	10377603	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MAGNESIUM OLETH SULFATE	MAGNESIUM OLETH SULFATE	87569979	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM OLETH-2 SULFATE	Magnesium Oleth2 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM PEG-3 COCAMIDE SULFATE	Magnesium Peg3 Cocamide Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MAGNESIUM PEROXIDE	Magnesium peroxide	1335268	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
MAGNESIUM SILICATE	MAGNESIUM SILICATE	13776744	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
MAGNESIUM STEARATE	MAGNESIUM STEARATE	557040	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MAGNESIUM THIOGLYCOLATE	MAGNESIUM THIOGLYCOLATE	63592165	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
MAGNETITE (FE3O4)	MAGNETITE (FE3O4)	1309-38-2	Per the U.S. FDA., iron oxides shall conform to the following specifications, all on an "as is" basis: Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 10 parts per million. Mercury (as Hg), not more than 3 parts per million.	x
MALIC ACID	Malic Acid	6915157	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MALONIC ACID	Malonic acid	141822	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MALONIC ACID	Malonic acid	141822	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MANGANESE VIOLET	MANGANESE VIOLET	10101-66-3	Per the U.S. FDA., manganese violet shall conform to the following specifications and shall be free from impurities other than those named, to the extent that such other impurities may be avoided by good manufacturing practice: Ash (at 600 °C), not less than 81 percent. Volatile matter at 135 °C for 3 hours, not more than 1 percent. Water soluble substances, not more than 6 percent. pH of filtrate of 10 grams color additive (shaken occasionally for 2 hours with 100 milliliters of freshly boiled distilled water), not more than 4.7 and not less than 2.5. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million. Total color, based on Mn content in "as is" sample, not less than 93 percent.	x
MANGO SEED OIL PEG-70 ESTERS	Mango Seed Oil Peg70 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MARINE ALGAE INFUSION	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Marjoram oil, Spanish (Thymus mastichina)	Marjoram oil, Spanish	8016339	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Mazzaella splendens (Splendid iridescent seaweed)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
MEA PPG-6 LAURETH-7 CARBOXYLATE	MEA PPG6 LAURETH7 CARBOXYLATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MEA-LAURETH SULFATE	MEALAURETH SULFATE	68184-04-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MEA-LAURETH-6 CARBOXYLATE	MEALAURETH6 CARBOXYLATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MELALEUCA ALTERNIFOLIA (TEA TREE)	MELALEUCA ALTERNIFOLIA (TEA TREE)		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) EXTRACT	MELALEUCA ALTERNIFOLIA (TEA TREE) EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MELALEUCA ALTERNIFOLIA (TEA TREE) FLOWER/LEAF/STEM EXTRACT	MELALEUCA ALTERNIFOLIA (TEA TREE) FLOWER/LEAF/STEM EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF	85085489	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF	MELALEUCA ALTERNIFOLIA LEAF WATER	85085489	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF EXTRACT	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	Tea tree oil	68647734	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	68647734	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	68647734	Based on an SCCP (European Commission, Scientific Committee on Consumer Products) opinion, this substance must contain less than 8% pcymentene to indicate lack of oxidative degradation.	
MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF WATER	MELALEUCA ALTERNIFOLIA LEAF WATER	85085489	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA FLOWER/LEAF/STEM OIL	Tea tree oil	68647734	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MELALEUCA ALTERNIFOLIA FLOWER/LEAF/STEM OIL	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	68647734	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MELALEUCA ALTERNIFOLIA FLOWER/LEAF/STEM OIL	MELALEUCA ALTERNIFOLIA (TEA TREE) LEAF OIL	68647734	Based on an SCCP (European Commission, Scientific Committee on Consumer Products) opinion, this substance must contain less than 8% pcymentene to indicate lack of oxidative degradation.	
MELALEUCA LEUCADENDRON (CAJUPUT) OIL	Cajuput oil	8008988	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MELAMINE PEROXIDE	MELAMINE PEROXIDE		The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
MELISSA OFFICINALIS (BALM MINT) EXTRACT	Melissa oil (genuine Melissa officinalis L.)	8014719; 84082611	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
MENTHA ARVENSIS	MENTHA ARVENSIS	68917180	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA ARVENSIS (WILD MINT) OIL	MENTHA ARVENSIS	68917180	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA ARVENSIS (WILD MINT) OIL	Mentha arvensis oil	68917180	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA CITRATA HERB EXTRACT	MENTHA CITRATA HERB EXTRACT	85085490	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA CITRATA OIL	Mentha citrata oil	68917157	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA	8006904; 84082702	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA	800690484082702	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of mentha piperita be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
MENTHA PIPERITA (PEPPERMINT) EXTRACT	MENTHA PIPERITA	8006904; 84082702	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MENTHA PIPERITA (PEPPERMINT) OIL	MENTHA PIPERITA	8006904; 84082702	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA PIPERITA (PEPPERMINT) OIL	Peppermint oil	8006904	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA PULEGIUM OIL	Pennyroyal oil, American	8007441	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA PULEGIUM OIL	Pennyroyal oil, Europe	8013998	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT)	MENTHA SPICATA	84696515	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT)	MENTHA SPICATA	84696515	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of mentha spicata be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
MENTHA SPICATA (SPEARMINT) EXTRACT	MENTHA SPICATA	84696515	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT) EXTRACT	Spearmint extract	8008795	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT) EXTRACT	Spearmint, Mentha spicata crispa, extract	98561445	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT) EXTRACT	Spearmint, Mentha spicata crispata, extract	91770682	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT) OIL	Spearmint extract	8008795	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHA SPICATA (SPEARMINT) OIL	Spearmint oil	8008795	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL	lMenthol	2216515	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL	MENTHOL	1490046	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL	MENTHOL	1490064; 89781; 2216515	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL	Menthol, racemic	89781	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL	MENTHOL	89-78-1	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of menthol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
Menthol racemic	Menthol, racemic	89781	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL, L-	lMenthol	2216515	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MENTHOL, L-	MENTHOL	1490064; 89781; 2216515	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MERCAPTOISOPROPYL-5-METHYLCYCLOHEXANONE	Cyclohexanone, 2(lmercaptoImethyl ethyl)5methyl	38462225	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHACRYLOYL ETHYL BETAINE/ ACRYLATES COPOLYMER	METHACRYLOYL ETHYL BETAINE/ ACRYLATES COPOLYMER	87435-35-6	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
METHOXY AMODIMETHICONE/ SILSEQUIOXANE COPOLYMER	METHOXY AMODIMETHICONE/ SILSEQUIOXANE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
METHOXY AMODIMETHICONE/SILSESQUIOXANE COPOLYMER	METHOXY AMODIMETHICONE/ SILSESQUIOXANE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
METHOXY PEG-10	METHOXY PEGIO	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
METHOXY PEG-100	METHOXY PEG100	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-100/POLYEPSILON CAPROLACTONE	METHOXY PEG100/POLYEPSILON CAPROLACTONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-114/POLYEPSILON CAPROLACTONE	METHOXY PEG114/POLYEPSILON CAPROLACTONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-12 RETINAMIDE	Methoxy Peg12 Retinamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-16	METHOXY PEG16	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-17/DODECYL GLYCOL COPOLYMER	Methoxy Peg17/dodecyl Glycol Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-22 POLYDODECYL GLYCOL	Methoxy Peg22 Polydodecyl Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-22/ DODECYL GLYCOL COPOLYMER	Methoxy Peg22/ Dodecyl Glycol Copolymer	89678444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-25	METHOXY PEG25	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-40	METHOXY PEG40	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-450 AMIDO HYDROXYSUCCINIMIDYL SUCCINAMATE	Methoxy Peg450 Amido Hydroxysuccinimidyl Succinamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-450 ETHYLMALEIMIDE	Methoxy Peg450 Ethylmaleimide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-7	METHOXY PEG7	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-7 ACORBIC ACID	Methoxy Peg7 Acorbic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG-7 ASCORBIC ACID	Methoxy Peg7 Ascorbic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG/ PPG-7/ 3 AMINOPROPYL DIMETHICONE	Methoxy Peg/ Ppg7/ 3 Aminopropyl Dimethicone	29821684	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHOXY PEG/ PPG-7/ 3 AMINOPROPYL DIMETHICONE	METHOXY PEG/ PPG-7/ 3 AMINOPROPYL DIMETHICONE	298211-68-4	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
METHOXY-PEG-7 RUTINYL SUCCINATE	MethoxyPeg7 Rutinyl Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
METHOXYCITRONELLAL	Methoxycitronellal	3613307	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL 2-OCTYNOATE	METHYL 2OCTYNOATE	111126	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL 2-OCTYNOATE	Methyl heptine carbonate	111126	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
METHYL 2-OCTYNOATE	Methyl heptine carbonate	111126	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Methyl heptine carbonate be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
METHYL 2,6,10-TRIMETHYLCYCLODODECA-2,5,9-TRIENYL KETONE	Acetic, anhydride, reaction products with 1,5,10trimethyl,5,9cyclododecatriene	144020224; 28371995	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
METHYL CINNAMATE	METHYL CINNAMATE	103264	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL EUGENOL	Methyl eugenol	93152	The European Commission restricts this substance to a maximum concentration of 0.01% in fine fragrance, 0.004% in eau de toilette products, 0.002% in fragrance creams, 0.0002% in other leaveon and oral products, and 0.001% in rinseoff products.	
METHYL EUGENOL	Methyleugenol	93152	Health Canada restricts this ingredient as a naturally occurring component in botanical extracts to a maximum concentration of 0.01%, provided concentrations do not exceed 0.01% in fine fragrances, 0.004% in eau de toilette, 0.002% in a fragrance cream, 0.0002% in other leaveon products and in oral hygiene products, and 0.001% in rinseoff products.	
METHYL GLUCETH-10	Methyl Gluceth10	68239429	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHYL GLYCYRRHIZATE	METHYL GLYCYRRHIZATE	104191-95-9	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
METHYL LINALOOL	Ethyl linalool	10339556	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL METHACRYLATE CROSSPOLYMER	METHYL METHACRYLATE CROSSPOLYMER	25777-71-3	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
METHYL METHACRYLATE/GLYCOL DIMETHACRYLATE CROSSPOLYMER	METHYL METHACRYLATE/GLYCOL DIMETHACRYLATE CROSSPOLYMER	25777-71-3	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
METHYL OCTINE CARBONATE	METHYL OCTINE CARBONATE	111808	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL PALMITATE	METHYL PALMITATE	112390	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL SALICYLATE	METHYL SALICYLATE	119368	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYL SALICYLATE	METHYL SALICYLATE	119368	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of methyl salicylate be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
METHYL TRIMETHICONE	METHYL TRIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
METHYL UNDECANAL	METHYLUNDECANAL	110418	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
METHYLCHLOROISOTHIAZOLINONE	Methylchloroisothiazolinone	26172554	Health Canada restricts the use of this ingredient to leaveon products when used in combination with methylisothiazolinone, and a maximum concentration of 0.0015% in rinseoff products.	
METHYLCHLOROISOTHIAZOLINONE	Methylchloroisothiazolinone	26172554	Health Canada restricts this ingredient to a maximum concentration of 0.0015% in rinseoff products and 0.00075% in leaveon products. Additionally, the ingredient is only permitted in combination with methylisothiazolinone.	
METHYLCHLOROISOTHIAZOLINONE	Methylchloroisothiazolinone	26172554	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinseoff products and 7.5 ppm in leaveon products.	
METHYLCHLOROISOTHIAZOLINONE	Methylchloroisothiazolinone	26172-55-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 0.075% in rinseoff products (not applied to mucosa) when combined with methyl isothiazolinone.	
METHYLCINNAMIC ALDEHYDE	αMethyl cinnamic aldehyde	101393	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYLCINNAMIC ALDEHYDE	αMethyl cinnamic aldehyde	101393	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
METHYLENEDIOPHENYL METHYLPROPANAL	METHYLENEDIOPHENYL METHYLPROPANAL	1205170	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYLENEDIOPHENYL METHYLPROPANAL	αMethyl,3benzodioxole5propionaldehyde (MMDHCA)	1205170	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
METHYLEUGENYL DIMETHICONE COPOLYOL	METHYLEUGENYL DIMETHICONE COPOLYOL		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
METHYLEUGENYL PEG-8 DIMETHICONE	Methyleugenyl Peg8 Dimethicone	200443932	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHYLEUGENYL PEG-8 DIMETHICONE	METHYLEUGENYL PEG-8 DIMETHICONE	200443-93-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
Methylglycine Diacetic Acid	methylglycine diacetic acid	29578050	The presence of nitroloacetic acid (NTA), a suspected carcinogen, must not be present in concentrations greater than 0.01% of the final product.	
Methylglycine Diacetic Acid, Trisodium Salt	methylglycine diacetic acid, trisodium salt	164462162	The presence of nitroloacetic acid (NTA), a suspected carcinogen, must not be present in concentrations greater than 0.01% of the final product.	
METHYLIONONE	Methyl ionone, mixed isomers	1335462; 127424; 127435; 127515; 7779308; 79890	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
METHYLIONONE	METHYLIONANTHEME	55599638; 1335462	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
METHYLISOTHIAZOLINONE	2Methyl2Hisothiazol3one	2682-20-4	The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinseoff products.	
METHYLISOTHIAZOLINONE	methylisothiazolinone	2682-20-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinseoff products (not applied to mucosa).	
METHYLSILANOL PEG-7 GLYCERYL COCOATE	Methylsilanol Peg7 Glyceryl Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
METHYLSILANOL TRI-PEG-8 GLYCERYL COCOATE	Methylsilanol TriPeg8 Glyceryl Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MEXORYL SX	TEREPHTHALYLIDEN EDICAMPHORSULFONICACID	90457-82-2	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MICA	MICA	12001-26-2	Per the U.S. FDA., mica shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Fineness, 100 percent shall pass through a 100-mesh sieve. Loss on ignition at 600-650 °C, not more than 2 percent. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million.	x
Michelia alba extract	Michelia alba extract	92457186	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MICHELIA ALBA FLOWER OIL	MICHELIA ALBA FLOWER OIL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MICHELIA ALBA LEAF OIL	MICHELIA ALBA LEAF OIL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MINERAL OIL	MINERAL OIL	8012951	Must be highly refined.	
MINERAL OIL	MINERAL OIL	8012951	The total concentration of persistent ingredients cannot exceed 2%.	
MINERAL OIL	MINERAL OIL	8042475	The total concentration of persistent ingredients cannot exceed 2%.	
MINERAL OIL, WHITE	MINERAL OIL	8042475	The total concentration of persistent ingredients cannot exceed 2%.	
MINK OIL	MINK OIL	8023743	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides.	
MINK OIL PEG-13 ESTERS	Mink Oil Peg13 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MIPA-BORATE	MIPA-BORATE	68003-13-4	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
MIPA-LAURETH SULFATE	MIPALAURETH SULFATE	83016766	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MIXED LINEAR AND BRANCHED C14-15 ALCOHOLS ETHOXYLATED, REACTION PRODUCT WITH EPICHLOROHYDRIN	mixed linear and branched C1415 alcohols ethoxylated, reaction product with epichlorohydrin	158570991	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Modified Polyethoxylated Alcohol	Modified Polyethoxylated Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Modified Polyethylene Glycol	Modified Polyethylene Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MUSK KETONE	Musk ketone	81141	Musk ketone should only be used if it contains less than 0.1% of musk xylene.	
MYRCENE	Myrcene	123353	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRCIA OIL	Bay leaves, West Indian, oil	8006788	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRCIA OIL	PIMENTA ACRIS (BAY) LEAF OIL	8006788	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRCIA OIL	PIMENTA ACRIS (BAY) LEAF OIL	8006788	Estragole is restricted to 0.01% or less in the finished product.	
MYRETH-10	MYRETH10	27306792	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MYRETH-10	Myristyl alcohol, ethoxylated	27306792	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRETH-10	Myristyl alcohol, ethoxylated	27306792	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MYRETH-3	MYRETH3	26826302	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MYRISTALKONIUM CHLORIDE	MYRISTALKONIUM CHLORIDE	139-08-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
MYRISTALKONIUM SACCHARINATE	MYRISTALKONIUM SACCHARINATE	68989-01-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
MYRISTAMIDOPROPYL BETAINE	MYRISTAMIDOPROPYL BETAINE	59272843	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRISTAMIDOPROPYL BETAINE	MYRISTAMIDOPROPYL BETAINE	59272843	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MYRISTAMIDOPROPYLAMINE OXIDE	Myristamidopropylamine Oxide	67806104	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRISTAMIDOPROPYLAMINE OXIDE	Myristamidopropylamine Oxide	67806104	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MYRISTAMINE OXIDE	N,Ndimethyltetradecylamine Noxide	3332272	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRISTAMINE OXIDE	N,Ndimethyltetradecylamine Noxide	3332272	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
MYRISTIC ACID	Tetradecanoic acid	544638	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	Mace oil	8007-12-3	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	Nutmeg oil	8008455	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	8007123	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	MYRISTICA FRAGRANS (NUTMEG) KERNEL OIL	8007123	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
MYRISTICA FRAGRANS (NUTMEG) SEED HULL	MYRISTICA FRAGRANS (NUTMEG) SEED HULL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRISTICA FRAGRANS (NUTMEG) SEED HULL	MYRISTICA FRAGRANS (NUTMEG) SEED HULL		Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
MYRISTICA FRAGRANS KERNEL EXTRACT	MYRISTICA FRAGRANS KERNEL EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRISTICA FRAGRANS KERNEL EXTRACT	MYRISTICA FRAGRANS KERNEL EXTRACT		Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
MYRISTYL ALCOHOL	1Tetradecanol	112721	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
MYRISTYL GLUCOSIDE	Myristyl Glucoside	54549-26-7	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
MYRISTYL GLUCOSIDE	Myristyl Glucoside	54549-26-7	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
MYRISTYLAMIDOPROPYL DIMETHYLAMINE DIMETHICONE PEG-7 PHOSPHATE	Myristylamidopropyl Dimethylamine Dimethicone Peg7 Phosphate	137145369	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
MYROXYLON PEREIRAE	MYROXYLON PEREIRAE	8007009	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
MYROXYLON PEREIRAE	MYROXYLON PEREIRAE	8007009	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of myroxylon pereirae be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
MYROXYLON PEREIRAE RESIN	Balsam absolute, Peru	8007009	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYROXYLON PEREIRAE RESIN	Balsam oil, Peru	8007009	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYROXYLON PEREIRAE RESIN	MYROXYLON PEREIRAE	8007009	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYROXYLON PEREIRAE RESIN	Peru balsam extracts and distillates	8007009	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.4% in household cleaning products.	
MYROXYLON PEREIRAE RESIN	MYROXYLON PEREIRAE	8007009	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of myroxylon pereirae be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
MYRTENOL	MYRTENOL	515004	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRTUS COMMUNIS	MYRTUS COMMUNIS	84082677	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS	MYRTUS COMMUNIS	84082677	Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS (COMMON MYRTLE) LEAF HYDROSOL	MYRTUS COMMUNIS (COMMON MYRTLE) LEAF HYDROSOL		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS (COMMON MYRTLE) LEAF HYDROSOL	MYRTUS COMMUNIS (COMMON MYRTLE) LEAF HYDROSOL		Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS (GREEN MYRTLE) LEAF OIL	MYRTUS COMMUNIS (GREEN MYRTLE) LEAF OIL		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS (GREEN MYRTLE) LEAF OIL	MYRTUS COMMUNIS (GREEN MYRTLE) LEAF OIL		Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS (MYRTLE) INFUSION	MYRTUS COMMUNIS (MYRTLE) INFUSION		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS (MYRTLE) INFUSION	MYRTUS COMMUNIS (MYRTLE) INFUSION		Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS (MYRTLE) OIL	Myrtle oil	8008466	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
MYRTUS COMMUNIS (MYRTLE) OIL	MYRTUS COMMUNIS (MYRTLE) OIL	8008466	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS (MYRTLE) OIL	MYRTUS COMMUNIS (MYRTLE) OIL	8008466	Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS LEAF EXTRACT	MYRTUS COMMUNIS LEAF EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS LEAF EXTRACT	MYRTUS COMMUNIS LEAF EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
MYRTUS COMMUNIS LEAF WATER	MYRTUS COMMUNIS LEAF WATER		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
MYRTUS COMMUNIS LEAF WATER	MYRTUS COMMUNIS LEAF WATER		Estragole is restricted to 0.01% or less in the finished product.	
N-Methyltaurine	NMethyltaurine	107686	Prohibited in sprays. Limited 1% in other product categories due to classification 'causes severe skin burns and eye damage' (GHS H314).	
n-octyl-polyoxyethylene	nOctylpolyoxyethylene	27252751	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
n-octyl-polyoxyethylene	nOctylpolyoxyethylene	27252751	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
n-octyl-polyoxyethylene	nOctylpolyoxyethylene	27252751	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
n-octyl-polyoxyethylene	PEG 300 Monoethyl Ether	27252751	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NARCISSUS JONQUILLA	NARCISSUS SPP.		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS OIL	NARCISSUS SPP.	8023-75-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS POETICUS FLOWER EXTRACT	NARCISSUS SPP.	90064-26-9	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS POETICUS FLOWER WAX	NARCISSUS SPP.		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS PSEUDO-NARCISSUS	NARCISSUS SPP.		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS PSEUDO-NARCISSUS ROOT EXTRACT	NARCISSUS SPP.	90064-27-0	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NARCISSUS WAX	NARCISSUS SPP.		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
NERAL	citral	5392405; 141275; 106263	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
NEREOCYCSTIS LEUTKEANA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
NEROL	NEROL	106232	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NEROLIDOL ISOMERS	Nerolidol (isomer not specified)	7212444	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NITROUS ACID, ISOPROPYL ESTER	NITROUS ACID, ISOPROPYL ESTER	541-42-4	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
NONANAL	Nonanal	124196	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NONOXYNOL	NONOXYNOL	26027383	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL	Poly (oxy1,2Ethanediyl), Alpha(4Nonylphenyl) OmegaHydroxy	26027383	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
NONOXYNOL-1	NONOXYNOL1	27986363	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10	NONOXYNOL10	37205871	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10 CARBOXYLIC ACID	Nonoxynol10 Carboxylic Acid	28212444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10 CARBOXYLIC ACID	Nonoxynol5 Carboxylic Acid	28212444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10 CARBOXYLIC ACID	Nonoxynol8 Carboxylic Acid	28212444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10 PHOSPHATE	Nonoxynol10 Phosphate	51609417	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-10 PHOSPHATE	Nonoxynol9 Phosphate	51609417	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol100	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol11	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	NONOXYNOL12	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol120	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol13	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	NONOXYNOL14	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	NONOXYNOL15	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol18	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	NONOXYNOL2	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol20	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-100	Nonoxynol23	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
NONOXYNOL-18	Nonoxynol18	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-2	NONOXYNOL2	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-20	Nonoxynol20	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-23	Nonoxynol23	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-25	Nonoxynol25	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-3	NONOXYNOL3	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-3 PHOSPHATE	Nonoxynol3 Phosphate	51811791	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-30	NONOXYNOL30	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-35	Nonoxynol35	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-4	NONOXYNOL4	7311275	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-4 PHOSPHATE	Nonoxynol4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-40	NONOXYNOL40	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-44	Nonoxynol44	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-5	NONOXYNOL5	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-5 CARBOXYLIC ACID	Nonoxynol5 Carboxylic Acid	28212444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-50	NONOXYNOL50	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-6	NONOXYNOL6	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-6 PHOSPHATE	Nonoxynol6 Phosphate	29994443	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
NONOXYNOL-7	NONOXYNOL7	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-8	NONOXYNOL8	9016459	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-8 CARBOXYLIC ACID	Nonoxynol8 Carboxylic Acid	28212444	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-9	NONOXYNOL9	9011212	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-9 IODINE	NONOXYNOL9 IODINE	94349403	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONOXYNOL-9 PHOSPHATE	Nonoxynol9 Phosphate	51609417	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL ALCOHOL	NONYL ALCOHOL	143088	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
NONYL NONOXYNOL 7	Nonyl Nonoxynol 7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol10	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol100	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol150	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol30	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol49	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10	Nonyl Nonoxynol5	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-10 PHOSPHATE	Nonyl Nonoxynol10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-100	Nonyl Nonoxynol100	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-11 PHOSPHATE	Nonyl Nonoxynol11 Phosphate	39464647	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-11 PHOSPHATE	Nonyl Nonoxynol8 Phosphate	39464647	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
NONYL NONOXYNOL-15 PHOSPHATE	Nonyl Nonoxynol15 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-150	Nonyl Nonoxynol150	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-24 PHOSPHATE	Nonyl Nonoxynol24 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-30	Nonyl Nonoxynol30	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-49	Nonyl Nonoxynol49	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-5	Nonyl Nonoxynol5	9014931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-7 PHOSPHATE	Nonyl Nonoxynol7 Phosphate	66172789	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-8 PHOSPHATE	Nonyl Nonoxynol8 Phosphate	39464647	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NONYL NONOXYNOL-9 PHOSPHATE	Nonyl Nonoxynol9 Phosphate	66172825	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
NOOTKATONE	2(3H)Naphthalenone, 4,4a,5,6,7,8hexahydro 4,4adimethyl6(1methyl ethenyl), (4R,4aS,6R)	4674504	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NOOTKATONE	NOOTKATONE	4674504	Nootkatone used as a fragrance ingredient should be at least 98% pure, with a melting point of at least 32°C. Lower purity grades may not be used as a fragrance ingredient. Methods for the determination of purity of nootkatone are provided on the IFRA website www.ifraorg.org .	
NOPYL ACETATE	Nopyl acetate	128518	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NUTMEG EXTRACT	NUTMEG EXTRACT	84082688	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
NUTMEG OIL, VOLATILE	Nutmeg oil	8008455	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
NYLON-611/ DIMETHICONE COPOLYMER	NYLON-611/ DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
o-METHOXYCINNAMALDEHYDE	OMETHOXYCINNAMALDEHYDE	1504741	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
o-TOLUALDEHYDE	o,m,pTolualdehydes and their mixtures	529204; 620235; 104870; 1334787	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
OAKMOSS CONCRETE	Oak moss extracts	90028685; 9000504; 68917102	Oak moss extracts used in fragrance compounds must not contain added tree moss, which is a source of resin acids. Traces of resin acids may be carried over to commercial qualities of oak moss in the manufacturing process. These traces must not exceed 0.1% (1000ppm) dehydroabietic acid (DHA) in the extract. The concentration of resin acids in oak moss can be measured with an HPLC Reverse Phase spectrofluorometry method. Further, levels of atranol and chloroatranol should each be below 100ppm in oak moss extracts.	
OAKMOSS CONCRETE	Oakmoss Extracts	90028685; 9000504; 68917102	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OAKMOSS CONCRETE	Oak moss	90028685	Following the European Commission requirement for cosmetics, EWG Verified Cleaning products require that the presence of Oak moss be indicated in the list of ingredients on the product's package and website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories	
OCIMUM BASILICUM (SWEET BASIL)	OCIMUM BASILICUM		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
OCIMUM BASILICUM (SWEET BASIL)	OCIMUM BASILICUM		Estragole is restricted to 0.01% or less in the finished product.	
OCIMUM BASILICUM (SWEET BASIL) EXTRACT	Basil oleoresin, chemotype estragole	84775713	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OCIMUM BASILICUM (SWEET BASIL) EXTRACT	OCIMUM BASILICUM (SWEET BASIL) EXTRACT	84775713	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
OCIMUM BASILICUM (SWEET BASIL) EXTRACT	OCIMUM BASILICUM (SWEET BASIL) EXTRACT	84775713	Estragole is restricted to 0.01% or less in the finished product.	
OCIMUM BASILICUM (SWEET BASIL) HYDROSOL	OCIMUM BASILICUM (SWEET BASIL) HYDROSOL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
OCIMUM BASILICUM (SWEET BASIL) HYDROSOL	OCIMUM BASILICUM (SWEET BASIL) HYDROSOL		Estragole is restricted to 0.01% or less in the finished product.	
OCIMUM BASILICUM (SWEET BASIL) OIL	Basil oil, chemotype estragole	8015734	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OCIMUM BASILICUM (SWEET BASIL) OIL	Basil oil, chemotype linalool	8015734	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OCIMUM BASILICUM (SWEET BASIL) OIL	OCIMUM BASILICUM (SWEET BASIL) OIL	8015734	The concentration of estragole must not exceed 0.01% in the final product.	
OCIMUM BASILICUM (SWEET BASIL) OIL	OCIMUM BASILICUM (SWEET BASIL) OIL	8015734	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
OCIMUM BASILICUM (SWEET BASIL) OIL	OCIMUM BASILICUM (SWEET BASIL) OIL	8015734	Estragole is restricted to 0.01% or less in the finished product.	
OCIMUM BASILICUM LEAF	OCIMUM BASILICUM LEAF		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
OCIMUM BASILICUM LEAF	OCIMUM BASILICUM LEAF		Estragole is restricted to 0.01% or less in the finished product.	
OCOTEA CYMBARUM OIL	OCOTEA CYMBARUM OIL	68917099	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
OCTANAL	Octanal	124130	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OCTINOXATE	2ETHYLHEXYLPMETH OXYCINNAMATE	5466-77-3	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 20% in rinseoff products (not applied to mucosa).	
OCTISALATE	OCTYLSALICYLATE	118-60-5	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
Octoxynol	Octoxynol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL 12 PHOSPHATE	Octoxynol 12 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-1	OCTOXYNOL1	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-10	OCTOXYNOL10	2315664	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OCTOXYNOL-10	OCTOXYNOL10	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25% in hair bleaches. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-11	OCTOXYNOL11	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-12	OCTOXYNOL12	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-13	OCTOXYNOL13	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-16	OCTOXYNOL16	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-20	OCTOXYNOL20	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-20 CARBOXYLIC ACID	OCTOXYNOL20 CARBOXYLIC ACID		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-20 CARBOXYLIC ACID	OCTOXYNOL20 CARBOXYLIC ACID		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-25	OCTOXYNOL25	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-3	OCTOXYNOL3	2315620	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-3	OCTOXYNOL3	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OCTOXYNOL-30	OCTOXYNOL30	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-33	OCTOXYNOL33	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-40	OCTOXYNOL40	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-5	OCTOXYNOL5	2315642	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-5	OCTOXYNOL5	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-6	OCTOXYNOL6	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-7	OCTOXYNOL7	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-70	OCTOXYNOL70	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-8	OCTOXYNOL8	2638439	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-8	OCTOXYNOL8	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OCTOXYNOL-9	OCTOXYNOL1	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL10	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25% in hair bleaches. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL11	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL12	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL13	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL16	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL20	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL25	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL3	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OCTOXYNOL-9	OCTOXYNOL30	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL33	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL40	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL5	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL6	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL7	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL70	9002931	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL8	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9	OCTOXYNOL9	9002931	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OCTOXYNOL-9	Polyethylene Glycol Octylphenol Ether;	9002931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9 CARBOXYLIC ACID	OCTOXYNOL9 CARBOXYLIC ACID	25338583	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTOXYNOL-9 CARBOXYLIC ACID	OCTOXYNOL9 CARBOXYLIC ACID	25338-58-3	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Octyl Alcohol	Octyl alcohol	111875	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Octyl Dimethyl Amine Oxide	Octyl Dimethyl Amine Oxide	2605789	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Octyl Dimethyl Amine Oxide	Octyl Dimethyl Amine Oxide	2605789	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
OCTYLDODECETH-10	OCTYLDODECETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-16	OCTYLDODECETH16		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-2	OCTYLDODECETH2	32128657	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-20	OCTYLDODECETH20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-25	OCTYLDODECETH25		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-30	OCTYLDODECETH30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OCTYLDODECETH-5	OCTYLDODECETH5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Octylphenol ethoxylate	Octylphenol Ethoxylate	9036195	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OIL OF CALAMUS	OIL OF CALAMUS	8015790	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.0087%	
Oils, baccharis dracunculifolia	Baccharis dracunculifolia oil	68991219	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, bergamot, psoralen-free	Bergamot oil, furocoumarin free	68648339	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, canada balsam	Fir balsam	8024155	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OILS, DILL	Dill seed oil	8006755	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OILS, DILL	Dill weed oil	8006755	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, galangal	Galangal root oil	8024406	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OILS, IMMORTELLE	Helichrysum absolute	8023958	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OILS, IMMORTELLE	Helichrysum oil	8023958	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OILS, LIATRIS ODORATISSIMA	Deertongue leaf absolute	68606826	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Oils, mastic	Mastic oil	68991399	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, narcissus poeticus	NARCISSUS SPP.	68917-12-4	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of narcissus spp. be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
Oils, orange, sweet, terpene-free	Orange sweet oil folded	68606940	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, peppermint, terpene-free	Peppermint oil, terpeneless	68606973	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, star anise	Star Anise oil	68952432	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Oils, treemoss, resinoid	Treemoss Extracts	90028674; 68648419; 68917408	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
Oils, treemoss, resinoid	Treemoss Extracts	90028674; 68648419; 68917408	Tree moss extracts shall not contain more than 0.8% of dehydroabiatic acid (DHA) as a marker of 2% of total resin acids. The concentration of DHA (about 40% of the total resin acids) in tree moss can be measured with an HPLC Reverse Phase spectrofluorometry method. Further, levels of atranol and chloroatranol should each be below 100ppm in tree moss extracts.	
Oils, vetiver, acetylated	Acetylated Vetiver oil	117986; 62563808; 68917340; 73246976; 84082848	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
OLETH-10	OLETH	9004982	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
OLETH-10	OLETH	9004982	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
OLETH-10	OLETH10	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH106	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH11	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH12	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH15	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH2	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH20	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH23	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH24	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH25	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-10	OLETH30	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OLETH-106	OLETH106	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-11	OLETH11	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-12	OLETH12	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-15	OLETH15	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-16	OLETH16	25190050	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-2	OLETH2	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-2 BENZOATE	Oleth2 Benzoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-2 PHOSPHATE	Oleth2 Phosphate	39464692	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-2 POLYSORBATE 20	Oleth2 Polysorbate 20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-20	OLETH20	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-20 PHOSPHATE	Oleth20 Phosphate	39464692	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-23	OLETH23	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-24	OLETH24	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-25	OLETH25	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-3	OLETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-3 CARBOXYLIC ACID	Oleth3 Carboxylic Acid	57635480	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-3 PHOSPHATE	Oleth3 Phosphate	39464692	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-30	OLETH30	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OLETH-35	OLETH35	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-4	OLETH4	5353264	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-4 PHOSPHATE	Oleth4 Phosphate	39464692	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-40	OLETH40	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-44	OLETH44	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-5	OLETH5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-5 PHOSPHATE	Oleth5 Phosphate	39464692	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-50	OLETH50	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-6	OLETH6	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-6 CARBOXYLIC ACID	Oleth6 Carboxylic Acid	57635480	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-7	OLETH7	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-8	OLETH8	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-82	OLETH82	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLETH-9	OLETH9	9004982	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL GLYCERETH-8 ESTERS	OLIVE OIL GLYCERETH-8 ESTERS		The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process. Based on this finding, the concentration of 1,4 dioxane cannot exceed 1 ppm in the final product.	x
OLIVE OIL PEG-10 ESTERS	Olive Oil Peg10 Esters	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG-10 ESTERS	Olive Oil Peg6 Esters	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG-10 ESTERS	Peg2 Olive Glycerides	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
OLIVE OIL PEG-10 ESTERS	Peg6 Olive Glycerides	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG-6 ESTERS	Olive Oil Peg6 Esters	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG-7 ESTERS	Olive Oil Peg7 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG-8 ESTERS	Olive Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OLIVE OIL PEG/PPG-3/1 ESTERS	Olive Oil Peg/ppg3/1 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
omega-6-Hexadecenlactone	AMBRETTOLIDE	779502	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OPOPONAX CHIRONIUM RESIN EXTRACT	Opoponax (all forms)	8021361; 9000786; 93384328	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.6% in household cleaning products.	
Opoponax	Opoponax (all forms)	8021361; 9000786; 93384328	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.6% in household cleaning products.	
OPOPONAX OIL	Opoponax (all forms)	8021361; 9000786; 93384328	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.6% in household cleaning products.	
OPOPONAX OIL	Opoponax oil	8021361	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OPOPONAX OIL	Opoponax resinoid	8021361	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ORANGE ESSENCE	Orange essence oil	68514750	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ORBIGNYA OLEIFERA SEED OIL PEG-8 ESTERS	Orbignya Oleifera Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ORIGANUM MAJORANA (SWEET MARJORAM) LEAF EXTRACT	Marjoram, sweet, ext.	8015018	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ORIGANUM MAJORANA (SWEET MARJORAM) LEAF OIL	Marjoram, sweet, ext.	8015018	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ORMENIS MULTICAULIS OIL	Chamomile oil, Moroccan	68916687	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ORYZA SATIVA (RICE) BRAN	ORYZA SATIVA (RICE) BRAN		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN EXTRACT	ORYZA SATIVA (RICE) BRAN EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN OIL	ORYZA SATIVA (RICE) BRAN OIL	68553-81-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN WAX	ORYZA SATIVA (RICE) BRAN WAX	8016-60-2	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) EXTRACT	ORYZA SATIVA (RICE) EXTRACT	68553-81-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) GERM OIL	ORYZA SATIVA (RICE) GERM OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) STARCH	ORYZA SATIVA (RICE) STARCH	9005-25-8	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
OSMANTHUS ABSOLUTE	OSMANTHUS ABSOLUTE		Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
OXALIC ACID	oxalic acid	144627	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
OXALIC ACID	oxalic acid	144627	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
OXIDIZED POLYETHYLENE	Oxidized Polyethylene	68441178	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Oxirane, 2-methyl-, polymer with oxirane	Oxirane, 2methyl, polymer with oxirane	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OXIRANE, METHYL, POLYMER WITH OXIRANE, MONO(2ETHYLHEXYL) ETHER	Oxirane, methyl, polymer with oxirane, mono(2ethylhexyl) ether	64366707	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
OXYQUINOLINE	8Hydroxyquinoline	148243	Health Canada restricts this ingredient to a maximum concentration of 0.3% as stabilizers for hydrogen peroxide in rinseoff haircare preparations and 0.03% in leaveon hair products.	
OXYQUINOLINE	OXYQUINOLINE	148243	The European Commission restricts this ingredient to a maximum concentration of 0.3% (as base) in hair rinseoff products and 0.03% (as base) in hair leaveon products, both as a stabilizer for hydrogen peroxide.	
OXYQUINOLINE	OXYQUINOLINE	148-24-3	The Cosmetic Ingredient Review restricts the use of this ingredient to a stabilizer for hydrogen peroxide in rinseoff hair products.	
p-Isobutyl-alpha-methyl hydrocinnamaldehyde	pIsobutylmethyl hydrocinnamaldehyde	6658486	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
p-Isobutyl-alpha-methyl hydrocinnamaldehyde	pIsobutylmethyl hydrocinnamaldehyde	6658486	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
PADIMATE O	2ETHYLHEXYLPDIME THYLAMINO BENZOATE	21245-02-3	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
PALM OIL PEG-8 ESTERS	Palm Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PALMITAMINE OXIDE	Palmitamine Oxide	7128918	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PALMITAMINE OXIDE	Palmitamine Oxide	7128918	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
PALMITIC ACID	PALMITIC ACID	57103	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PARAFFIN	Paraffin	64742514	The total concentration of persistent ingredients cannot exceed 2%.	
Paraffin waxes, petroleum, clay-treated	Paraffin waxes, petroleum, claytreated	64742434	The total concentration of persistent ingredients cannot exceed 2%.	
PCA	PCA	98-79-3	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which Nitroso compounds cannot form (do not contain nitrosating agents).	x
PCA DIMETHICONE	PCA DIMETHICONE	179005-03-9	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEANUT OIL PEG-6 ESTERS	Peanut Oil Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Pectinase	Pectinase		Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
PEG 300 Monoethyl Ether	PEG 300 Monoethyl Ether	27252751	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG 600 decyl ether	PEG 600 decyl ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG 600 monoethyl ether	PEG 600 monoethyl ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG 8 AMODIMETHICONE	PEG 8 AMODIMETHICONE	182700-78-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG 8 AMODIMETHICONE	PEG 8 AMODIMETHICONE	182700-78-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG RICINOLEATE/DIMETHICONE COPOLYL	Peg Ricinoleate/dimethicone Copolyl		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG SOYA STEROL	Peg Soya Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG10 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG100 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG12 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg120 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg14 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg15 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG150 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg18 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG20 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg23 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg25 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg3 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG STEARATE	PEG30 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG32 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg35 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg36 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG40 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg45 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG5 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG50 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG55 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG6 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	Peg7 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG75 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG8 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PEG90 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG STEARATE	PegStearates	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-## HYDROGENATED CASTOR OIL	Peg## Hydrogenated Castor Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-1 GLYCERYL SORBITAN OLEOSTEARATE	Peg1 Glyceril Sorbitan Oleostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-1 STEARATE	Peg1 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-10	PEG10	5579668	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 C12-18 ALKYL ETHER	Peg10 C1218 Alkyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 CASTOR OIL	Peg10 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 COCAMINE	PEG10 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 COCO-BENZONIUM CHLORIDE	Peg10 CocoBenzonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 COCOATE	Peg10 Cocoate	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 COCONUT OIL ESTER	Peg10 Coconut Oil Ester		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 DIMALEATE COPOLYMER	Peg10 Dimaleate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 DIMETHICONE	PEG10 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 DIMETHICONE	PEG-10 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-10 DIMETHICONE CROSSPOLYMER	Peg10 Dimethicone Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 DIMETHICONE CROSSPOLYMER	PEG-10 DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-10 DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER	Peg10 Dimethicone/ Vinyl Dimethicone Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER	PEG-10 DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-10 DIOLEATE	Peg10 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL ISOSTEARATE	Peg10 Glyceril Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL OLEATE	Peg10 Glyceril Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-10 GLYCERYL OLEATE	Peg15 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL OLEATE	Peg20 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL OLEATE	Peg25 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL OLEATE	Peg30 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL STEARATE	Peg10 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL TRIISOSTEARATE	Peg10 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 GLYCERYL TRISTEARATE	Peg10 Glyceryl Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 HYDROGENATED CASTOR OIL	Peg10 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg10 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg10 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 HYDROGENATED LANOLIN	PEG10 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 HYDROGENATED TALLOW AMINE	Peg10 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 ISOLAURYL THIOETHER	Peg10 Isolauryl Thioether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 ISOSTEARATE	Peg10 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 LANOLATE	Peg10 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 LANOLIN	PEG10 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 LAURATE	PEG10 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 METHYL ETHER DIMETHICONE	Peg10 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-10 NONAFLUOROHEXYL DIMETHICONE COPOLYMER	Peg10 Nonafluorohexyl Dimethicone Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg10 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg15 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg20 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg25 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg30 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg5 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEAMINE	Peg6 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg10 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg11 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg12 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg14 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg15 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg15O Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg16 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg20 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg23 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg3 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-10 OLEATE	Peg32 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg36 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg4 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg5 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg6 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg7 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg75 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg8 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLEATE	Peg9 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLIVE GLYCERIDES	Peg10 Olive Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLIVE OIL	Peg10 Olive Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 OLIVE OIL GLYCERIDES	Peg10 Olive Oil Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 PHYTOSTEROL	Peg10 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 POLYGLYCERYL-2 LAURATE	Peg10 Polyglyceryl2 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 PROPYLENE GLYCOL	PEG10 PROPYLENE GLYCOL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 RAPESEED STEROL	Peg10 Rapeseed Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 SORBITAN LAURATE	PEG10 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 SOYA STEROL	Peg10 Soya Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-10 SOYAMINE	Peg10 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMIDE	Peg10 Stearamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMINE	Peg10 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMINE	Peg15 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMINE	Peg2 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMINE	Peg5 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARAMINE	Peg50 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARATE	PEG10 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 STEARYL BENZONIUM CHLORIDE	Peg10 Stearyl Benzonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 SUNFLOWER GLYCERIDES	Peg10 Sunflower Glycerides	180254528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 SUNFLOWER GLYCERIDES	Peg2 Sunflower Glycerides	180254528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg10 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg12 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg14 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg15 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg16 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg20 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg4 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-10 TALLATE	Peg5 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLATE	Peg8 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TALLOW AMINOPROPYLAMINE	Peg10 Tallow Aminopropylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg10 Trifluoropropyl Dimethicone Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10 TSUBAKIATE GLYCERIDES	Peg10 Tsubakiate Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-10/LAURYL DIMETHICONE CROSSPOLYMER	PEG10/LAURYL DIMETHICONE CROSSPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100	PEG100		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 CASTOR OIL	Peg100 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 HYDROGENATED CASTOR OIL	Peg100 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 ISOPROPYL MYRISTAT	Peg100 Isopropyl Myristat		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 LANOLIN	PEG100 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 SOYA STEROL	Peg100 Soya Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 STEARATE	PEG100 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-100 STEARATE	PEG100 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-100/IPDI COPOLYMER	Peg100/ipdi Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-105 BEHENYL PROPYLENEDIAMINE	Peg105 Behenyl Propylenediamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 AVOCADO GLYCERIDES	Peg11 Avocado Glycerides	103819449	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 AVOCADO GLYCERIDES	Peg14 Avocado Glycerides	103819449	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-11 BABASSU GLYCERIDES	Peg11 Babassu Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 CASTOR OIL	Peg11 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 COCAMIDE	Peg11 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 COCOA BUTTER GLYCERIDES	Peg11 Cocoa Butter Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 LAURAMIDE	Peg11 Lauramide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 METHYL ETHER DIMETHICONE	Peg11 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 METHYL ETHER DIMETHICONE	PEG-11 METHYL ETHER DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-11 OLEATE	Peg11 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-11 TALLOW AMINE	Peg11 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-114 METHYLETHER POLYEPSILON CAPRALACTONE	Peg114 Methylene Ether Polyepsilon Capralactone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-115M	PEG115M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-1182 METHYL ESTER SERICIN	Peg1182 Methyl Ester Sericin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12	PEG12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 BEESWAX	Peg12 Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 CARNAUBA	Peg12 Carnauba		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DIISOSTEARATE	Peg12 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DILAURATE	PEG12 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DIMETHICONE	PEG12 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-12 DIMETHICONE	PEG-12 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-12 DIMETHICONE COPOLYOL	Peg12 Dimethicone Copolyol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DIMETHICONE CROSSPOLYMER	Peg12 Dimethicone Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DIMETHICONE CROSSPOLYMER	PEG-12 DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-12 DIOLEATE	Peg12 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DISTEARATE	PEG12 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DISTEARATE	Polyethylene glycol distearate	9005087	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 DITALLATE	Peg12 Ditallate	61791-01-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL DIMYRISTATE	Peg12 Glyceril Dimyristate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL DIOLEATE	Peg12 Glyceril Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL DISTEARATE	Peg12 Glyceril Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL LAURATE	Peg12 Glyceril Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL LAURATE	Peg20 Glyceril Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL LAURATE	Peg23 Glyceril Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 GLYCERYL LAURATE	Peg30 Glyceril Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 ISOSTEARATE	Peg12 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 LANOLATE	Peg12 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-12 LAURATE	PEG12 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 METHYL ETHER LAUROXY PEG-5 AMIDOPROPYL DIMETHICONE	Peg12 Methyl Ether Lauroxy Peg5 Amidopropyl Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 METHYL GLUCOSE DIOLEATE	Peg12 Methyl Glucose Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 OLEATE	Peg12 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 PALM KERNEL GLYCERIDES	Peg12 Palm Kernel Glycerides	124046522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 PALMITAMINE	Peg12 Palmitamine	68155339	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 STEARATE	PEG12 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-12 STEARATE	PEG12 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-12 TALLATE	Peg12 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 DISTEARATE	PEG120 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 ESTERS	Peg120 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 GLYCERYL STEARATE	Peg120 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 METHYL GLUCOSE	Peg120 Methyl Glucose		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 METHYL GLUCOSE DIOLEATE	PEG120 methyl glucose dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 METHYL GLUCOSE EXTRACT	Peg120 Methyl Glucose Extract		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 METHYL GLUCOSE TRIOLEATE	PEG120 methyl glucose trioleate	1338929660	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 METHYL GLUCOSE TRIOLEATE	PEG120 methyl glucose trioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-120 PROPYLENE GLYCOL STEARATE	PEG120 PROPYLENE GLYCOL STEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-120 STEARATE	Peg120 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-125 COCOPOLYAMINE	Peg125 Cocopolyamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 DIPHENYLOL PROPANE	Peg13 Diphenylol Propane	9014862	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 ETHYLHEXANOATE	Peg13 Ethylhexanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 HYDROGENATED TALLOW AMIDE	Peg13 Hydrogenated Tallow Amide	68783222	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 MINK GLYCERIDES	Peg13 Mink Glycerides	103819450	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 STEARATE	Peg13 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-13 SUNFLOWER GLYCERIDES	Peg13 Sunflower Glycerides	70377912	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-130 GLYCERYL TALLOWATE	Peg130 Glyceryl Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-135	PEG135	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-136 polyvinyl acetate	PEG136 polyvinyl acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-136 Polyvinyl Alcohol	PEG-136 Polyvinyl Alcohol	25820-49-9	The U.S. Food & Drug Administration has identified 1,4dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process. Based on this finding, the concentration of 1,4 dioxane cannot exceed 1 ppm in the final product.	x
PEG-14	PEG14	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14 AVOCADO GLYCERIDES	Peg14 Avocado Glycerides	103819449	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14 DIMETHICONE	PEG14 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14 DIMETHICONE	PEG-14 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-14 LAURATE	PEG14 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-14 OLEATE	Peg14 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14 STEARATE	Peg14 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14 TALLATE	Peg14 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-140 GLYCERYL TRISTEARATE	Peg140 Glyceryl Tristearate	41080664	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-140 STEARATE	Peg140 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-14M	PEG14M		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15	Peg15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 BUTANEDIOL	Peg15 Butanediol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 CASTOR OIL	Peg15 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG10 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG15 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG2 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG20 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG3 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE	PEG5 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCAMINE OLEATE/PHOSPHATE	Peg15 Cocamine Oleate/phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCOATE	PEG15 COCOATE	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCOMONIUM CHLORIDE	Peg15 Cocomonium Chloride	61791-10-4	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-15 COCOMONIUM METHOSULFATE	Peg15 Cocomonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 COCOPOLYAMINE	Peg15 Copopolyamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 DEDM HYDANTOIN	Peg15 Dedm Hydantoin	68130-12-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 DEDM HYDANTOIN STEARATE	Peg15 Dedm Hydantoin Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 DISTEARATE	Peg15 Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL ISOSTEARATE	Peg15 Glyceryl Isostearate	68958587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL ISOSTEARATE	Peg20 Glyceryl Isostearate	68958587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL ISOSTEARATE	Peg60 Glyceryl Isostearate	68958587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL LAURATE	Peg15 Glyceryl Laurate	57107956	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL OLEATE	Peg15 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL RICINOLEATE	Peg15 Glyceryl Ricinoleate	51142519	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL RICINOLEATE	Peg20 Glyceryl Ricinoleate	51142519	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL STEARATE	Peg15 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL TRIISOSTEARATE	Peg15 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL TRIOLEATE	Peg15 Glyceryl Trioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 GLYCERYL TRISTEARATE	Peg15 Glyceryl Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg15 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg15 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-15 HYDROGENATED LANOLIN	Peg15 Hydrogenated Lanolin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 HYDROGENATED TALLOW AMINE	Peg15 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 HYDROGENATED TALLOWMONIUM CHLORIDE	Peg15 Hydrogenated Tallowmonium Chloride	68187699	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 HYDROXYSTEARATE	Peg15 Hydroxystearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 JOJOBA ACID	Peg15 Jojoba Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 JOJOBA ALCOHOL	PEG15 JOJOBA ALCOHOL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 LANOLATE	Peg15 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 LAURATE	Peg15 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 OCTADECYL AMINE	Peg15 Octadecyl Amine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 OLEAMINE	Peg15 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 OLEAMMONIUM CHLORIDE	Peg15 Oleammonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 OLEATE	Peg15 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 PENTAERYTHRITYL TETRA(LAURETH-6 CARBOXYLATE)	Peg15 Pentaerythryl Tetra(Laureth6 Carboxylate)		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 PHYTOSTEROL	Peg15 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 SOYAMIDE/ IPDI COPOLYMER	Peg15 Soyamide/ IpdI Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 SOYAMINE	Peg15 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARAMIDE	Peg15 Stearamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARAMINE	Peg15 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-15 STEARATE	Peg15 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARMONIUM CHLORIDE	Peg15 Stearmonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	Peg15 Stearyl Ether	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	Polyoxyethylene monooctadecyl ether	9005009	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PEG-15 STEARYL ETHER	Polyoxyethylene monooctadecyl ether	9005009	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
PEG-15 STEARYL ETHER	STARETH100	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	STARETH16	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	STARETH2	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	STARETH20	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	STARETH21	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	STARETH4	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 STEARYL ETHER	Stareths(2100)	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 TALLATE	Peg15 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 TALLOW AMINE	Peg15 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 TALLOW AMINOPROPYLAMINE	Peg15 Tallow Aminopropylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15 TALLOW POLYAMINE	Peg15 Tallow Polyamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER	PEG15/ LAURYL DIMETHICONE CROSSPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER	PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-150	PEG150	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 BEHENTRIMONIUM CHLORIDE	Peg150 Behentrimonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 DIBEHENATE	Peg150 Dibehenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 DILAURATE	PEG150 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 DIOLEATE	Peg150 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 DISTEARATE	PEG150 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 LANOLIN	PEG150 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 LAURATE	PEG150 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 OLEATE	Peg150 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 PENTAERYTHRITYL TETRASODIUM	Peg150 Pentaerythrityl Tetrasodium		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 PENTAERYTHRITYL TETRASTEARATE	Peg150 Pentaerythrityl Tetrastearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 SMDI COPOLYMER	Peg150 Smdi Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150 STEARATE	PEG150 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150/ DECYL ALCOHOL/ SMDI COPOLYMER	Peg150/ Decyl Alcohol/ Smdi Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-150/ STEARYL ALCOHOL/ SMDI COPOLYMER	Peg150/ Stearyl Alcohol/ Smdi Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-1500	Peg1500		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16	PEG16	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 CASTOR OIL	Peg16 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-16 CETYL/OLEYL/STEARYL/LANILIN ALCOHOL ETHER	Peg16 Cetyl/oleyl/stearyl/lanilin Alcohol Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 DILAURATE	Peg16 Dilaurate	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 HYDROGENATED CASTOR OIL	Peg16 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 HYDROGENATED COTTENSEED OIL	Peg16 Hydrogenated Cottenseed Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 MACADAMIA GLYCERIDES	Peg16 Macadamia Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 OLEATE	Peg16 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 SOY STEROL	PEG16 SOY STEROL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-16 TALLATE	Peg16 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-160 SORBITAN TRIISOSTEARATE	PEG160 SORBITAN TRIISOSTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-160M	PEG160M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-17 DIMETHICONE	PEG17 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-17 DIMETHICONE	PEG-17 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-175 DIISOSTEARATE	Peg175 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-175 DISTEARATE	PEG175 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18	PEG18	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 CASTOR OIL	Peg18 Castor Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 CASTOR OIL DIOLEATE	Peg18 Castor Oil Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 GLYCERYL OLEATE/ COCOATE	Peg18 Glyceryl Oleate/ Cocoate	999999198	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-18 PALM GLYCERIDES	Peg18 Palm Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 PALMITATE	Peg18 Palmitate	9004948	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 PALMITATE	Peg20 Palmitate	9004948	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 PALMITATE	Peg6 Palmitate	9004948	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 SORBITAN TRIOLEATE	PEG18 SORBITAN TRIOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-18 STEARATE	Peg18 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-180	PEG180	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-180 BISPOLYLACTIDE	Peg180 Bispolylactide	131151092	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-180 STEARAMIDOPROPYL DIMETHYLAMINE	Peg180 Stearamidopropyl Dimethylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-180/LAURETH-50/TMMG COPOLYMER	Peg180/laureth50/tmmg Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-180/OCTOXYNOL-40/TMMG COPOLYMER	Peg180/octoxynol40/tmmg Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-190 DISTEARATE	Peg190 Distearate	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-192 APRICOT KERNEL GLYCERIDES	Peg192 Apricot Kernel Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2	Peg2		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 BENZYL ETHER	Peg2 Benzyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 CASTOR OIL	Peg2 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 COCAMIDE	Peg2 Cocamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 COCAMINE	PEG2 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-2 COCO-BENZONIUM CHLORIDE	Peg2 CocoBenzonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 COCOMONIUM CHLORIDE	Peg2 Cocomonium Chloride	70750479	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIETHYLHEXANOATE	Peg2 Diethylhexanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIISONONANOATE	PEG2 DIISONONANOATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIISOSTEARATE	Peg2 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DILAURATE	PEG2 DILAURATE	6281-04-5	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIMEADOWFOAMAMDOETHYLMONIUM METHOSULFATE	Peg2 Dimeadowfoamamdo ethylmonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIMEADOWFOAMAMIDOETHYLMONIUM METHOSULFATE	Peg2 Dimeadowfoamamido ethylmonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIOLEATE	Peg2 Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DIROSINATE	Peg2 Dirosinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 DISTEARATE	PEG2 DISTEARATE	109308	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 HYDROGENATED CASTOR OIL	Peg2 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 HYDROGENATED TALLOW AMINE	Peg2 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 ISOSTEARATE	Peg2 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 LAURAMIDE	Peg2 Lauramide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 LAURAMINE	Peg2 Lauramine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 LAURATE	PEG2 LAURATE	141208	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 LAURATE SE	PEG2 LAURATE SE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-2 MILK SOLIDS	Peg2 Milk Solids		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 MYRISTYL ETHER PROPIONATE	Peg2 Myristyl Ether Propionate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEAMINE	Peg2 Oleamine	25307179	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEAMINE HYDROFLUORIDE	PEG2 OLEAMINE HYDROFLUORIDE	207916334	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEAMMONIUM CHLORIDE	Peg2 Oleammonium Chloride	18448652	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEAMONIUM CHLORIDE	Peg2 Oleamonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEATE	Peg2 Oleate	654903	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLEATE SE	Peg2 Oleate Se		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 OLIVE GLYCERIDES	Peg2 Olive Glycerides	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 PALMITAMIDE	Peg2 Palmitamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 RAPESEEDAMINE	Peg2 Rapeseedamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 RICINOLEATE	Peg2 Ricinoleate	5401172	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 SORBITAN ISOSTEARATE	PEG2 SORBITAN ISOSTEARATE	66794589	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 SORBITAN ISOSTEARATE	PEG5 SORBITAN ISOSTEARATE	66794589	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 SORBITAN TRIOLEATE	Peg2 Sorbitan Trioate	9005703	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 SOYAMINE	Peg2 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 STEARAMIDE CARBOXYLIC ACID	Peg2 Stearamide Carboxylic Acid	90453591	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 STEARAMIDE CARBOXYLIC ACID	Peg9 Stearamide Carboxylic Acid	90453591	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-2 STEARAMINE	Peg2 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 STEARATE	PEG2 STEARATE	654934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 STEARATE	PEG2 STEARATE	106-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-2 STEARATE SE	Peg2 Stearate Se		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 STEARMONIUM CHLORIDE	Peg2 Stearmonium Chloride	60687878	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 SUNFLOWER GLYCERIDES	Peg2 Sunflower Glycerides	180254528	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 TALLOW AMINE	Peg2 Tallow Amine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2 TALLOWAMIDE DEA	Peg2 Tallowamide Dea		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20	PEG20	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 ALMOND GLYCERIDES	Peg20 Almond Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 BEESWAX	Peg20 Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 CARAUBA WAX	Peg20 Carauaba Wax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 CARBOMER	Peg20 Carbomer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 CASTOR OIL	Peg20 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 CETEARYL ALCOHOL	Peg20 Cetearyl Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 COCAMIDE	Peg20 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 COCAMIDE MEA	Peg20 Cocamide Mea		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 COCAMINE	PEG20 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-20 CORN GLYCERIDES	Peg20 Corn Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 DILAURATE	PEG20 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 DIOLEATE	Peg20 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 DIRICINOLEATE	Peg20 Diricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 DISTEARATE	PEG20 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 ESTERS	Peg20 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 EVENING PRIMROSE GLYCERIDES	Peg20 Evening Primrose Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERIDES	Peg20 Glycerides	999999825	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL ISOSTEARATE	Peg20 Glyceryl Isostearate	68958587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL LAURATE	Peg20 Glyceryl Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL MONOSTEARATE	Peg20 Glyceryl Monostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL OLEATE	Peg20 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL RICINOLEATE	Peg20 Glyceryl Ricinoleate	51142519	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL STEARATE	Peg20 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL TRIISOSTEARATE	Peg20 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 GLYCERYL TRISTEARATE	Peg20 Glyceryl Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HEXADECENYLSUCCINATE	Peg20 Hexadeceny succinate	178254041	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED CASTOR OIL	Peg20 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-20 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg20 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED CASTOR OIL LAURATE	Peg20 Hydrogenated Castor Oil Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg20 Hydrogenated Castor Oil Pca Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg20 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG10 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG20 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG24 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG30 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG5 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED LANOLIN	PEG70 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED PALM GLYCERIDES	Peg20 Hydrogenated Palm Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 HYDROGENATED TALLOW AMINE	Peg20 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 ISOSTEARATE	Peg20 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 LANOLATE	Peg20 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 LANOLIN	PEG20 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 LAURATE	PEG20 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 MANNITAN LAURATE	Peg20 Mannitan Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCETH-20 SESQUISTEARATE	Peg20 Methyl Gluceth20 Sesquistearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-20 METHYL GLUCOSE	Peg20 Methyl Glucose		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCOSE DIOLEATE	Peg20 Methyl Glucose Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCOSE DISTEARATE	PEG20 methyl glucose distearate	119831195	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCOSE SESQUICAPRYLATE/SESQUICAPRATE	PEG20 methyl glucose sesquicaprylate/sesquicaprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCOSE SESQUILAURATE	PEG20 methyl glucose sesquilaurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 METHYL GLUCOSE SESQUISTEARATE	PEG20 methyl glucose sesquistearate	68389708	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 MYRISTATE	Peg20 Myristate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 OLEAMINE	Peg20 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 OLEATE	Peg20 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 PALMITATE	Peg20 Palmitate	9004948	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 PHYTOSTEROL	Peg20 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN BEESWAX	PEG20 SORBITAN BEESWAX	8051738	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN COCOATE	PEG20 SORBITAN COCOATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN ISOSTEARATE	PEG20 SORBITAN ISOSTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN LANOLATE	Peg20 Sorbitan Lanolate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN OLEATE	Peg20 Sorbitan Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN TETRAOLEATE	PEG20 SORBITAN TETRAOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 SORBITAN TRIISOSTEARATE	PEG20 SORBITAN TRIISOSTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-20 SOY STEROL	Peg20 Soy Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 STEARATE	PEG20 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 STEARATE	PEG20 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-20 TALLATE	Peg20 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 TALLOW AMINE	Peg20 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 TALLOW AMMONIUM ETHOSULFATE	Peg20 Tallow Ammonium Ethosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 TALLOWATE	Peg20 Tallowate	68153640	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20 TSUBAKIATE GLYCERIDES	Peg20 Tsubakiate Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20-PPG-10 GLYCERYL STEARATE	Peg20Ppg10 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200	PEG200		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 CASTOR OIL	Peg200 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 GLYCERYL STEARATE	Peg200 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 GLYCERYL TALLOWATE	Peg200 Glyceryl Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 HYDROGENATED CASTOR OIL	Peg200 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 HYDROGENATED GLYCERYL	Peg200 Hydrogenated Glyceryl		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 HYDROGENATED GLYCERYL PALMATE	Peg200 Hydrogenated Glyceryl Palmate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 HYDROGENATED GLYCERYL PALMITATE	Peg200 Hydrogenated Glyceryl Palmitate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 LAURATE	PEG200 LAURATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-200 METHYLGLUCOSE DIOLEATE	Peg200 Methylglucose Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 TALLOWATE	Peg200 Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-200 TRIHYDROXYSTEARIN	Peg200 Trihydroxystearin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-20M	PEG20M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-22 TALLOW AMINE	Peg22 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-22/DODECYL GLYCOL COPOLYMER	Peg22/dodecyl Glycol Copolymer	78336319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-220	PEG220	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 GLYCERYL DISTEARATE	Peg23 Glyceryl Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 GLYCERYL LAURATE	Peg23 Glyceryl Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 HEXADECYLEICOSANOATE	Peg23 Hexadecyleicosanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 OCTYLDODECANOATE	Peg23 Octyldodecanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 OLEATE	Peg23 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 OLIVATE	Peg23 Oliviate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23 STEARATE	Peg23 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-23M	PEG23M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-24 GLYCERYL STEARATE	Peg24 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-24 HYDROGENATED LANOLIN	PEG24 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-24 LANOLIN	PEG24 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-240	PEG240	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-240/HDI COPOLYMER BIS-DECYLTETRADECETH-20 ETHER	Peg240/hdi Copolymer BisDecyltetradeceth20 Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 CASTOR OIL	Peg25 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 DIETHYLMONIUM CHLORIDE	Peg25 Diethylmonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 GLYCERYL ISOSTEARATE	Peg25 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 GLYCERYL OLEATE	Peg25 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 GLYCERYL STEARATE	Peg25 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 GLYCERYL TRIOLEATE	Peg25 Glyceryl Trioate	68958645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 HYDROGENATED CASTOR OIL	Peg25 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 LANOLIN	PEG25 LANOLIN		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 METHYL GLUCOSE ETHER	Peg25 Methyl Glucose Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 MORINGA GLYCERIDES	Peg25 Moringa Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 OLEAMINE	Peg25 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 PABA	PEG25 PABA	113010529	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 PHYTOSTEROL	Peg25 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 PROPYLENE GLYCOL STEARATE	PEG25 PROPYLENE GLYCOL STEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 SOY STEROL	PEG25 SOY STEROL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 STEARATE	Peg25 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-25 TALLOW AMINE	Peg25 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25 TALLOW ETHER	Peg25 Tallow Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-250	Peg250		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-250 DISTEARATE	Peg250 Distearate	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-25M	PEG25M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-26 CASTOR OIL	Peg26 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-26 JOJOBA ACID	Peg26 Jojoba Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-26 JOJOBA ALCOHOL	PEG26 JOJOBA ALCOHOL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-26-PPG-30 PHOSPHATE	Peg26Ppg30 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-27 LANOLIN	PEG27 LANOLIN	8051818	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-27 LANOLIN ALCOHOL	Peg27 Lanolin Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-28 GLYCERYL TALLOWATE	Peg28 Glyceryl Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-29 CASTOR OIL	Peg29 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-2M	PEG2M		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 2,2'-DI-P-PHENYLENEDIAMINE	PEG3 2,2'DipPhenylenediamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 BUTYLENE GLYCOL LAURATE	Peg3 Butylene Glycol Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 CASTOR OIL	Peg3 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 COCAMIDE	Peg3 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-3 COCAMIDE DEA	Peg3 Cocamide Dea		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 COCAMINE	PEG3 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DICAPRYLATE/CAPRATE	Peg3 Dicaprylate/caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIETHYLENETRIAMINE DIPALMAMIDE	Peg3 Diethylenetriamine Dipalmamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIISOSTEARATE	Peg3 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIMETHICONE	PEG3 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIOLEATE	Peg3 Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIOLEOYLAMIDOETHYLMONIUM METHOSULFATE	Peg3 Dioleoylamidoethylmonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIPALMITATE	Peg3 Dipalmitate	32628-06-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DIROSINATE	Peg3 Dirosinate	8050257	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DISOYOYLAMIDOETHYLMONIUM METHOSULFATE	Peg3 Disoyoylamidoethylmonium Methosulfate	68605276	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DISTEARATE	PEG3 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 DISTEAROYLAMIDOETHYLMONIUM METHOSULFATE	Peg3 Distearoylamidoethylmonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 GLYCERYL COCOATE	Peg3 Glyceril Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 GLYCERYL DISTEARATE	Peg3 Glyceril Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 GLYCERYL ISOSTEARATE	Peg3 Glyceril Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 GLYCERYL TRIISOSTEARATE	Peg3 Glyceril Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 GLYCERYL TRISTEARATE	Peg3 Glyceril Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-3 ISOSTEARATE	Peg3 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 LANOLATE	Peg3 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 LAURAMIDE	Peg3 Lauramide	26635756	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 LAURAMINE OXIDE	Peg3 Lauramine Oxide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 METHYL ETHER	PEG3 METHYL ETHER	112356	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 OLEAMIDE	Peg3 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 OLEATE	Peg3 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 PPG-20 SUCCINATE	Peg3 Ppg20 Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 RAPESEED AMINOPROPYLAMINE	Peg3 Rapeseed Aminopropylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 SORBITAN OLEATE	PEG3 SORBITAN OLEATE	9005656	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 SORBITAN STEARATE	PEG3 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 SORBITAN TRISTEARATE	Peg3 Sorbitan Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 STEARATE	Peg3 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 TALLOW AMINOPROPYLAMINE	Peg3 Tallow Aminopropylamine	90367274	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 TALLOW PROPYLENEDIMONIUM DIMETHOSULFATE	Peg3 Tallow Propylenedimonium Dimethosulfate	93572635	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 TRIMETHYLOLPROPANE TRIISOSTEARATE	Peg3 Trimethylolpropane Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3 TRIMETHYLOLPROPANE TRISTEARATE	Peg3 Trimethylolpropane Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3-BUTETH-5	Peg3Buteth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-3/PPG-2 GLYCERYL/SORBITOL HYDROXYSTEARATE/ISOSTEARATE	Peg3/ppg2 Glyceryl/sorbitol Hydroxystearate/isosteareate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30	Peg30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 CASTOR OIL	PEG30 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 DIPOLYHYDROXYSTEARATE	Peg30 Dipolyhydroxystearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL COCOATE	PEG30 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL ISOSTEARATE	Peg30 Glyceryl Isostearate	689587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL LAURATE	Peg30 Glyceryl Laurate	51248329	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL OLEATE	Peg30 Glyceryl Oleate	68889496	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL STEARATE	Peg30 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL SULFATE	Peg30 Glyceryl Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 GLYCERYL TRIISOSTEARATE	Peg30 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED CASTOR OIL	PEG30 HYDROGENATED CASTOR OIL	6178850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg30 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED CASTOR OIL LAURATE	Peg30 Hydrogenated Castor Oil Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg30 Hydrogenated Castor Oil Pca Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg30 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED LANOLIN	PEG30 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 HYDROGENATED TALLOW AMINE	Peg30 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-30 ISOSTEARATE	Peg30 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 JOJOBA OIL	Peg30 Jojoba Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 LANOLIN	PEG30 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 OLEAMINE	Peg30 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 PHYTOSTEROL	Peg30 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 POLYHYDROXYSTEARATE	Peg30 Polyhydroxystearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 SORBITAN BEESWAX	Peg30 Sorbitan Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 SORBITAN TETRAOLEATE	PEG30 SORBITAN TETRAOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 SOY STEROL	PEG30 SOY STEROL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 STEARATE	PEG30 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-30 TALLOW AMINE	Peg30 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-300	Peg300		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32	PEG32		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 DILAURATE	PEG32 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 DIOLEATE	Peg32 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 DISTEARATE	PEG32 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 LAURATE	PEG32 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 METHYL ETHER DIMETHICONE	Peg32 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-32 METHYL ETHER DIMETHICONE	PEG-32 METHYL ETHER DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-32 OLEATE	Peg32 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 PVP	Peg32 Pvp		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 SODIUM CHLORIDE	Peg32 Sodium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-32 STEARATE	PEG32 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-33	PEG33		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-33 CASTOR OIL	PEG33 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-3350	Peg3350		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 ALMOND GLYCERIDES	Peg35 Almond Glycerides	124046500	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 CASTOR OIL	PEG35 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 HYDROGENATED CASTOR OIL	Peg35 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 LANOLIN	PEG35 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 SOY GLYCERIDES	Peg35 Soy Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-35 STEARATE	Peg35 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-350	PEG350	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-36 CASTOR OIL	PEG36 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-36 OLEATE	Peg36 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-36 STEARATE	Peg36 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-4	PEG4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 CAPRYLIC/CAPRIC GLYCERIDES	Peg4 Caprylic/capric Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 CASTOR OIL	PEG4 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 COCAMIDE	Peg4 Cocamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DIHEPTANOATE	Peg4 Diheptanoate	70729689	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DIISOSTEARATE	Peg4 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DILAURATE	PEG4 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DIMETHACRYLATE	PEG4 DIMETHACRYLATE	109171	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DIOLEATE	Peg4 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DISTEARATE	PEG4 DISTEARATE	142201	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DISTEARYL ETHER	PEG4 DISTEARYL ETHER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DISTEARYLETHONIUM ETHOSULFATE	Peg4 Distearylethonium Ethosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 DITALLOW ETHER	PEG4 DITALLOW ETHER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 ETHYLHEXANOATE	Peg4 Ethylhexanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 GLYCERYL DISTEARATE	Peg4 Glyceryl Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 GLYCERYL TRISTEARATE	Peg4 Glyceryl Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 ISOSTEARATE	Peg4 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 LANOLATE	Peg4 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-4 LAURATE	PEG4 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 METHYL ETHER	PEG4 METHYL ETHER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 MONTANATE	Peg4 Montanate	68476040	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 OLEAMIDE	Peg4 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 OLEATE	Peg4 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 OLIVATE	Peg4 Oliviate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 POLYGLYCERYL-2 DISTEARATE	Peg4 Polyglyceryl2 Distearate	72828-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 POLYGLYCERYL-2 STEARATE	Peg4 Polyglyceryl2 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 PROLINE LINOLEATE	Peg4 Proline Linoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 PROLINE LINOLENATE	Peg4 Proline Linolenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 RAPESEEDAMIDE	PEG4 RAPESEEDAMIDE	85536238	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 SORBITAN LAURATE	Peg4 Sorbitan Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 SORBITAN STEARATE	Peg4 Sorbitan Stearate	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 SORBITAN TRIISOSTEARATE	Peg4 Sorbitan Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 STEARAMIDE	Peg4 Stearamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 STEARATE	Peg4 Stearate	106070	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 TALLATE	Peg4 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 TRIETHANOLAMINE	Peg4 Triethanolamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-4 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg4 Trifluoropropyl Dimethicone Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4 TRIMETHYLOLPROPANE DISTEARATE	Peg4 Trimethylolpropane Distearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-4-PPG-7 C13/C15 ALCOHOL	PEG4PPG7 C13/C15 Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40	PEG40	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 ALMOND GLYCERIDES	Peg40 Almond Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 BUTYLOCTANOL WHEAT GERM ESTERS	Peg40 Butyloctanol Wheat Germ Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 CASTOR OIL	PEG40 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 GLYCERYL COCOATE	PEG40 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 GLYCERYL ISOSTEARATE	Peg40 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 GLYCERYL STEARATE	Peg40 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 GLYCERYL TRIISOSTEARATE	Peg40 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR EXTRACT	Peg40 Hydrogenated Castor Extract		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg10 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg100 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg16 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg2 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg20 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 HYDROGENATED CASTOR OIL	Peg200 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-40 HYDROGENATED TALLOW AMINE	Peg40 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 ISOSTEARATE	Peg40 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 JOJOBA ACID	Peg40 Jojoba Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 JOJOBA ALCOHOL	PEG40 JOJOBA ALCOHOL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG10 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG100 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG150 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG20 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG24 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG30 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG35 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG40 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG5 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG50 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG55 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG60 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 LANOLIN	PEG85 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 OLIVE GLYCERIDES	Peg40 Olive Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-40 RICINOLEAMIDE	Peg40 Ricinoleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN DIISOSTEARATE	PEG40 SORBITAN DIISOSTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN GLYCOL	Peg40 Sorbitan Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN LANOLATE	PEG40 SORBITAN LANOLATE	8036779	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN LAURATE	PEG40 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN OLEATE	Peg40 Sorbitan Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN PERISOSTEARATE	PEG40 SORBITAN PERISOSTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN PEROLEATE	Peg40 Sorbitan Peroleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN STEARATE	PEG40 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SORBITAN TETRAOLEATE	PEG40 SORBITAN TETRAOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 SOY STEROL	PEG40 SOY STEROL		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 STEARATE	PEG40 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-40 STEARATE	PEG40 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-40/DODECYL GLYCOL COPOLYMER	Peg40/dodecyl Glycol Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG115M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG135	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG14	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG150	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-400	PEG65M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG75	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG800	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG90	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG90M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PEG9M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	PegXx	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400	Polyethylene Glycol	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400 DIOLEATE	Peg400 Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-400 LAURATE	Peg400 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-42 BABASSU GLYCERIDES	Peg42 Babassu Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-42 MUSHROOM GLYCERIDES	Peg42 Mushroom Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-44 CASTOR OIL	Peg44 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-44 SORBITAN LAURATE	PEG44 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45	PEG45	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45 HYDROGENATED CASTOR OIL	Peg45 Hydrogenated Castor Oil	6178850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45 PALM KERNEL GLYCERIDES	Peg12 Palm Kernel Glycerides	124046522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45 PALM KERNEL GLYCERIDES	Peg45 Palm Kernel Glycerides	124046522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-45 SAFFLOWER GLYCERIDES	Peg45 Safflower Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45 STEARATE	Peg45 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45 STEARATE PHOSPHATE	Peg45 Stearate Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45/ DODECYL GLYCOL COPOLYMER	Peg22/dodecyl Glycol Copolymer	78336319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45/ DODECYL GLYCOL COPOLYMER	Peg45/ Dodecyl Glycol Copolymer	78336319	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-450	PEG450		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-45M	PEG45M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 CASTOR OIL	Peg5 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 CETETH-10 PHOSPHATE	Peg5 Ceteth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	Peg11 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	Peg20 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	Peg3 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	PEG5 COCAMIDE	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	Peg6 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMIDE	Peg7 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCAMINE	PEG5 COCAMINE	61791148	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCOATE	Peg5 Cocoate	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 COCOMONIUM METHOSULFATE	Peg5 Cocomonium Methosulfate	68989-03-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-5 DEDM HYDANTOIN	Peg5 Dedm Hydantoin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 DEDM HYDANTOIN OLEATE	Peg5 Dedm Hydantoin Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 DITRIDECYLMONIUM CHLORIDE	Peg5 Ditridecylmonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 ETHYLHEXANOATE	Peg5 Ethylhexanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL ISOSTEARATE	Peg5 Glyceril Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL OLEATE	Peg5 Glyceril Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL SESQUIOLEATE	Peg5 Glyceril Sesquioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL STEARATE	Peg5 Glyceril Stearate	51158-08-8	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL TRIISOSTEARATE	Peg5 Glyceril Triisostearate	86846211	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 GLYCERYL TRISTEARATE	Peg5 Glyceril Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED CASTOR OIL	Peg5 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg5 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg5 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED CORN GLYCERIDES	Peg5 Hydrogenated Corn Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED LANOLIN	PEG5 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 HYDROGENATED TALLOW AMINE	Peg5 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 ISODECYLOXYPROPYLAMINE	Peg5 Isodecyloxypropylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg10 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-5 LANOLATE	Peg12 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg15 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg20 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg3 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg4 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg5 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg6 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg7 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLATE	Peg8 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLIN	PEG5 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LANOLINAMIDE	Peg5 Lanolinamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 LAURAMIDE	Peg5 Lauramide	26635756	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 OLEAMIDE	Peg5 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 OLEAMIDE DIOLEATE	Peg5 Oleamide Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 OLEAMINE	Peg5 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 OLEAMMONIUM METHOSULFATE	Peg5 Oleammonium Methosulfate	64611810	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 OLEATE	Peg5 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 PENTAERYTHRITYL ETHER	Peg5 Pentaerythrityl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-5 PHYTOSTEROL	Peg5 Phytosterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 RAPESEED STEROL	Peg5 Rapeseed Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SORBITAN ISOSTEARATE	PEG5 SORBITAN ISOSTEARATE	66794589	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SORBITAN OLEATE	Peg5 Sorbitan Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYA STEROL	PEG5 SOY STEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYA STEROL	Peg5 Soya Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYAMINE	Peg10 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYAMINE	Peg15 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYAMINE	Peg2 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYAMINE	Peg5 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 SOYAMINE	Peg8 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 STEARAMINE	Peg5 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 STEARATE	PEG5 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 STEARYL AMMONIUM CHLORIDE	Peg5 Stearyl Ammonium Chloride	80238-02-4	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 STEARYL AMMONIUM LACTATE	Peg5 Stearyl Ammonium Lactate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 STEARYL STEARATE	Peg5 Stearyl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TALL OIL STEROL	Peg5 Tall Oil Sterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-5 TALLATE	Peg5 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TALLOW AMIDE	Peg5 Tallow Amide	8051614	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TALLOW BENZONIUM CHLORIDE	Peg5 Tallow Benzonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRICAPRYL CITRATE	Peg5 Tricapryl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRICETYL CITRATE	Peg5 Tricetyl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRILAURYL CITRATE	Peg5 Trilauryl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRIMETHYLOPROPANE TRIMYRISTATE	Peg5 Trimethylolpropane Trimyristate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRIMYRISTYL CITRATE	Peg5 Trimyristyl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TRISTEARYL CITRATE	Peg5 Tristearyl Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 TSUBAKIATE GLYCERIDES	Peg5 Tsubakiate Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5 UNDECYLENATE P-HYDROXYBENZOATE	Peg5 Undecylenate P-Hydroxybenzoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5-CETETH-20	Peg5Ceteth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 CASTOR OIL	Peg50 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 DISTEARATE	PEG50 DISTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 GLYCERYL ISOSTEARATE	Peg50 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 GLYCERYL TRIISOSTEARATE	Peg50 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED CASTOR OIL	Peg50 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg50 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-50 HYDROGENATED CASTOR OIL LAURATE	Peg50 Hydrogenated Castor Oil Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Peg50 Hydrogenated Castor Oil Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg50 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED PALMAMIDE	Peg50 Hydrogenated Palmamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 HYDROGENATED TALLOW AMINE	Peg50 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 LANOLIN	PEG50 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 SHEA BUTTER	Peg50 Shea Butter		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 STEARAMIDE	Peg50 Stearamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 STEARAMINE	Peg50 Stearamine	9003934	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 STEARATE	PEG50 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-50 STEARATE	PEG50 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-50 TALLOW AMIDE	Peg50 Tallow Amide	68155248	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-500	PEG500	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-54 CASTOR OIL	Peg54 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-54 HYDROGENATED CASTOR OIL	Peg54 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55	PEG55	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55 CASTOR OIL	Peg55 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55 HYDROGENATED CASTOR OIL	Peg55 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-55 LANOLIN	PEG55 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55 PROPYLENE GLYCOL DIOLATE	Peg55 Propylene Glycol Dioleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55 PROPYLENE GLYCOL OLEATE	PEG55 PROPYLENE GLYCOL OLEATE	86481-08-5	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-55 STEARATE	PEG55 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-58 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg58 Hydrogenated Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-5M	PEG5M		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6	PEG6	2615158	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ALMOND GLYCERIDES	Peg6 Almond Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 BEESWAX	Peg6 Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 BUTYLENE GLYCOL LAURATE	Peg6 Butylene Glycol Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 CAPRYLATE/CAPRATE	Peg6 Caprylate/caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 CAPRYLIC GLYCERIDES	Peg6 Caprylic Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 CAPRYLIC/ CAPRIC GLYCERIDE	Peg6 Caprylic/ Capric Glyceride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 CAPRYLIC/CAPRIC GLYCERIDES	Peg6 Caprylic/capric Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 COCAMIDE	Peg6 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 COCAMIDE PHOSPHATE	Peg6 Cocamide Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 DIISOSTEARATE	Peg6 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 DILAURATE	PEG6 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-6 DIMETHICONE	Peg6 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 DIOLEATE	Peg6 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 DISTEARATE	PEG6 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ESTERS	Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 GLYCERYL CAPRATE	Peg6 Glyceryl Caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 GLYCERYL ISOSTEARATE	Peg6 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 GLYCERYL TRISTEARATE	Peg6 Glyceryl Tristearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 HYDROGENATED CASTOR OIL	Peg6 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 HYDROGENATED PALM OIL	Peg6 Hydrogenated Palm Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 HYDROGENATED PALM/PALM KERNEL GLYCERIDE	Peg6 Hydrogenated Palm/palm Kernel Glyceride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 HYDROGENATED PALMAMIDE	Peg6 Hydrogenated Palmamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOLAURYL THIOETHER	Peg6 Isolauryl Thioether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOPALMITATE	Peg6 Isopalmitate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOSTEARATE	Peg10 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOSTEARATE	Peg12 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOSTEARATE	Peg4 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOSTEARATE	Peg6 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 ISOSTEARATE	Peg8 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-6 LANOLATE	Peg6 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 LAURAMIDE	Peg3 Lauramide	26635756	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 LAURAMIDE	Peg5 Lauramide	26635756	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 LAURAMIDE	Peg6 Lauramide	26635756	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 LAURATE	PEG6 LAURATE	2370641	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 LAURATE/TARTRATE	Peg6 Laurate/tartrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHICONE ACETATE	Peg6 Methicone Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG10	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG100	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG16	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG25	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG40	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	METHOXY PEG7	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER	PEG6 METHYL ETHER	9004744	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER DIMETHICONE	Peg6 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 METHYL ETHER DIMETHICONE	PEG-6 METHYL ETHER DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-6 METHYL ETHER DIMETHICONE	PEG-6 METHYL ETHER DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-6 OLEAMIDE	Peg6 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 OLEAMINE	Peg6 Oleamine	26635938	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 OLEATE	Peg6 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 OLIVE GLYCERIDES	Peg6 Olive Glycerides	103819461	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 PALMITATE	Peg6 Palmitate	9004948	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 PROPYLENE GLYCOL CAPRYLATE/CAPRATE	Peg6 Propylene Glycol Caprylate/caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 SORBITAN OLEATE	PEG6 SORBITAN OLEATE	9005656	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 SORBITAN STEARATE	PEG6 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 SORBITOL	Peg6 Sorbitol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 STEARATE	PEG6 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 STEARYLGUANIDINE	Peg6 Stearylguanidine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6 UNDECYLENATE	Peg6 Undecylenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6-32	Peg632		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6-32 GLYCERETH-26	Peg632 Glycereth26		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6-32 PROPYLENE GLYCOL	Peg632 Propylene Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6-32 STEARATE	Peg632 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6-32 STEARATE SE	Peg632 Stearate Se		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60	PEG60	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-60 ALMOND GLYCERIDES	Peg60 Almond Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 CASTOR OIL	Peg60 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 CASTOR OIL ISOSGTEARATE	Peg60 Castor Oil Isosgtearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 CASTOR OIL ISOSTEARATE	Peg60 Castor Oil Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 CORN GLYCERIDES	Peg60 Corn Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 EVENING PRIMROSE GLYCERIDES	Peg60 Evening Primrose Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 GLYCERYL ISOSTEARATE	Peg60 Glyceryl Isostearate	68958587	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 GLYCERYL STEARATE	Peg60 Glyceryl Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 GLYCERYL TRIISOSTEARATE	Peg60 Glyceryl Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 HYDROGENATED CASTOR OIL	Peg60 Hydrogenated Castor Oil	6178850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 HYDROGENATED CASTOR OIL LAURATE	Peg60 Hydrogenated Castor Oil Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg60 Hydrogenated Castor Oil Pca Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg60 Hydrogenated Castor Oil Triisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 LANOLIN	PEG60 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 PASSIFLORA EDULIS SEED GLYCERIDES	Peg60 Passiflora Edulis Seed Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 PASSIFLORA INCARNATA SEED GLYCERIDES	Peg60 Passiflora Incarnata Seed Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 SHEA BUTTER GLYCERIDES	Peg60 Shea Butter Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 SORBITAN STEARATE	PEG60 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-60 SORBITAN TETRAOLEATE	PEG60 SORBITAN TETRAOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 SORBITAN TETRASTEARATE	PEG60 SORBITAN TETRASTEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60 TSUBAKIATE GLYCERIDES	Peg60 Tsubakiate Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-600	Peg600		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-60M	Peg60m		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-65 HYDROGENATED CASTOR OIL	Peg65 Hydrogenated Castor Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-65 LANOLIN	Peg65 Lanolin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-65M	PEG65M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-66 TRIHYDROXYSTEARIN	Peg66 Trihydroxystearin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-6M	Peg6m		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 AMODIMETHICONE	Peg7 Amodimethicone	133779143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 AMODIMETHICONE	PEG-7 AMODIMETHICONE	133779-14-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-7 AVOCADOATE	Peg7 Avocadoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 BETA-NAPHTHOL	Peg7 BetaNaphthol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 CAPRYLIC/CAPRIC GLYCERIDES	Peg7 Caprylic/capric Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 COCAMIDE	Peg7 Cocamide	61791080	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 DIMETHICONE	PEG7 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-7 DIMETHICONE	PEG-7 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-7 DIMETHICONE C8-C18 ESTER	Peg7 Dimethicone C8C18 Ester		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 DIMETHICONE ISOSTEARATE	Peg7 Dimethicone Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 DIMETHICONE ISOSTEARATE	PEG-7 DIMETHICONE ISOSTEARATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-7 ESTERS	Peg7 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 GLYCERIN COCOATE	Peg7 Glycerin Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 GLYCERYL COCOATE	PEG7 GLYCERYL COCOATE	66105291	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 GLYCERYL SOYATE	Peg7 Glyceryl Soyate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 HYDROGENATED CASTOR OIL	Peg7 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 LANOLATE	Peg7 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 METHYL ETHER	PEG7 METHYL ETHER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 METHYL ETHER DIMETHICONE	Peg7 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 OLEAMIDE	Peg7 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 OLEATE	Peg7 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 OLIVATE	Peg7 Oliviate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 OLIVE GLYCERIDES	Peg7 Olive Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 PANTHENYL PHOSPHATE	Peg7 Panthenyl Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-7 RICINOLEAMIDE	Peg7 Ricinoleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 RICINOLEATE	Peg7 Ricinoleate	9004971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 RICINOLEATE	Peg8 Ricinoleate	9004971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 RICINOLEATE	Peg9 Ricinoleate	9004971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 STEARATE	Peg7 Stearate	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 SUNFLOWER GLYCERIDES	Peg7 Sunflower Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7 TALLOW AMINE	Peg7 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-70 HYDROGENATED LANOLIN	PEG70 HYDROGENATED LANOLIN	68648271	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-70 LANOLIN	Peg70 Lanolin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-70 MANGO GLYCERIDES	Peg70 Mango Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7000	Peg7000		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75	PEG75	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 BETA-SITOSTEROL	Peg75 BetaSitolsterol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 CASTOR OIL	Peg75 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 COCOA BUTTER	Peg75 Cocoa Butter		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 COCOA BUTTER GLYCERIDE	Peg75 Cocoa Butter Glyceride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 COCOA BUTTER GLYCERIDES	Peg75 Cocoa Butter Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 DILAURATE	PEG75 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-75 DIOLEATE	Peg75 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 DISTEARATE	PEG75 DISTEARATE	9005-08-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 LANOLIN	PEG75 LANOLIN	68648384	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 LANOLIN OIL	PEG75 LANOLIN	68648384	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 LANOLIN OIL	PEG75 LANOLIN OIL	68648384	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 LANOLIN WAX	PEG75 LANOLIN WAX		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 LAURATE	PEG75 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 MEADOWFOAM OIL	Peg75 Meadowfoam Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 OLEATE	Peg75 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 PROPYLENE GLYCOL STEARATE	PEG75 PROPYLENE GLYCOL STEARATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 SHEA BUTTER GLYCERIDES	Peg75 Shea Butter Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 SHOREA BUTTER GLYCERIDES	Peg75 Shorea Butter Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 SORBITAN LANOLATE	PEG75 SORBITAN LANOLATE	8051136	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 SORBITAN LAURATE	PEG75 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 SOY GLYCERIDES	Peg75 Soy Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 STEARATE	PEG75 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-75 STEARYL ETHER DIMER	Peg75 Stearyl Ether Dimer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-76 STEARATE	Peg76 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-78 GLYCERYL COCOATE	PEG78 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-7M	PEG7M		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8	PEG8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 AVOCADOATE	Peg8 Avocadoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 BEESWAX	Peg8 Beeswax		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 BEHENATE	Peg8 Behenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 C12-18 ESTER	Peg8 C1218 Ester		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CAPRATE	Peg8 Caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CAPRYLATE	Peg8 Caprylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CAPRYLATE/ CAPRATE	Peg8 Caprylate/ Caprate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CAPRYLIC/ CAPRIC GLYCERIDES	Peg8 Caprylic/ Capric Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CASTOR OIL	Peg8 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CETYL DIMETHICONE	Peg8 Cetyl Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CETYL DIMETHICONE	PEG-8 CETYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-8 COCOATE	Peg10 Cocoate	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 COCOATE	PEG15 COCOATE	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 COCOATE	Peg5 Cocoate	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 COCOATE	Peg8 Cocoate	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-8 COCOATE	PEG9 COCOATE	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 CRANBERRIATE	Peg8 Cranberriate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DI/TRIRICINOLEATE	Peg8 Di/triricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DICOCOATE	Peg8 Dicocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIISOSTEARATE	Peg8 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DILAURATE	PEG8 DILAURATE	9005-02-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIMETHICONE	PEG8 DIMETHICONE	68937542	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIMETHICONE	PEG9 DIMETHICONE	68937542	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIMETHICONE	PEG-8 DIMETHICONE	68937-54-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-8 DIMETHICONE COPOLYOL	Peg8 Dimethicone Copolyol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIMETHICONE MEADOWFOAMATE	Peg8 Dimethicone Meadowfoamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIMETHICONE/DIMER DILINOLEIC ACID COPOLYMER	Peg8 Dimethicone/dimer Dilinoleic Acid Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIOLEATE	Peg8 Dioleate	9005-07-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DIOLEATE	POLYOXYETHYLENE DIOLEATE	9005076	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DISTEARATE	PEG8 DISTEARATE	52668970	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DITALLATE	Peg8 Ditallate	61791-01-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 DODECENYLSUCCINATE	Peg8 Dodecenylsuccinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 ESTERS	Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-8 GLYCERYL ISOSTEARATE	Peg8 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 GLYCERYL LAURATE	Peg8 Glyceryl Laurate	59070563	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 HYDROGENATED CASTOR OIL	Peg8 Hydrogenated Castor Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 HYDROGENATED FISH GLYCERIDE	Peg8 Hydrogenated Fish Glyceride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 HYDROGENATED FISH GLYCERIDES	Peg8 Hydrogenated Fish Glycerides		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 ISOLAURYL THIOETHER	Peg8 Isolauryl Thioether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 ISOSTEARATE	Peg8 Isostearate	56002143	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LANOLATE	Peg8 Lanolate	68459507	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG10 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG12 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG14 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG150 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG20 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG32 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG4 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG75 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LAURATE	PEG8 LAURATE	9004813	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 LINOLEATE	Peg8 Linoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-8 LINOLENATE	Peg8 Linolenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 MEADOWFOAMATE	Peg8 Meadowfoamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 METHICONE	Peg8 Methicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 METHICONE	PEG-8 METHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-8 METHYL ETHER DIMETHICONE	Peg8 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 METHYL ETHER TRIETHOXYSILANE	Peg8 Methyl Ether Triethoxysilane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 MYRISTATE	Peg8 Myristate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 OLEATE	Peg8 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PALMITOYL METHYL DIETHONIUM METHOSULFATE	Peg8 Palmitoyl Methyl Diethonium Methosulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PALMITOYL OLIGOPEPTIDE	Peg8 Palmitoyl Oligopeptide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PG-COCO-GLUCOSIDE DIMETHICONE	Peg8 PGCocoGlucoside Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 POLYSORBATE 60	Peg8 Polysorbate 60		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PPG-3 DIISOSTEARATE	Peg8 Ppg3 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PROPYLENE GLYCOL	Peg8 Propylene Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 PROPYLENE GLYCOL COCOATE	PEG8 PROPYLENE GLYCOL COCOATE	126645985	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 Propylheptyl Ether	PEG8 PROPYLHEPTYL ETHER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 RASPBERRIATE	Peg8 Raspberriate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 RICINOLEATE	Peg8 Ricinoleate	9004971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-8 SESQUILAUATE	Peg8 Sesquilate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 SESQUIOLEATE	Peg8 Sesquileate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 SOYAMINE	Peg8 Soyamine	61791240	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 STEARATE	PEG8 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 STEARATE	PEG8 STEARATE	9004-99-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
PEG-8 TALLATE	Peg8 Tallate	61791002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMIDE	Peg8 Tallow Amide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg10 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg11 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg15 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg15 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg2 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg20 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg20 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg22 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg25 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg30 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg30 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-8 TALLOW AMINE	Peg40 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg5 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg50 Hydrogenated Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg7 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TALLOW AMINE	Peg8 Tallow Amine	61791262	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TOCOPHEROL	Peg8 Tocopherol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg8 Trifluoropropyl Dimethicone Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8 UNDECYLENATE	Peg8 Undecylenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8-CETETH-20	Peg8Ceteth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8/ SMDI COPOLYMER	Peg8/ Smdi Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-8/PPG-2 DIISOSTEARATE	Peg8/ppg2 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80	PEG80		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 CASTOR OIL	Peg80 Castor Oil	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 GLYCERYL COCOATE	PEG30 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 GLYCERYL COCOATE	PEG40 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 GLYCERYL COCOATE	PEG78 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 GLYCERYL COCOATE	PEG80 GLYCERYL COCOATE	68201467	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 GLYCERYL TALLOWATE	Peg80 Glyceryl Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-80 HYDROGENATED CASTOR OIL	Peg80 Hydrogenated Castor Oil	61788850	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 HYDROGENATED GLYCERYL PALMATE	Peg80 Hydrogenated Glyceryl Palmate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 JOJOBA ALCOHOL	Peg80 Jojoba Alcohol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 METHYL GLUCOSE LAURATE	PEG80 methyl glucose laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	PEG10 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	PEG40 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	PEG44 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	PEG75 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	PEG80 SORBITAN LAURATE	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE	POLYSORBATE20	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN LAURATE SULFATE	Peg80 Sorbitan Laurate Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-80 SORBITAN PALMITATE	PEG80 SORBITAN PALMITATE	9005667	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-800	PEG800	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-800/POLYVINYL ALCOHOL COPOLYMER	Peg800/polyvinyl Alcohol Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-82 GLYCERYL TALLOWATE	Peg82 Glyceryl Tallowate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-85 LANOLIN	PEG85 LANOLIN	61790816	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9	PEG9	3386183	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 AVOCADOATE	Peg9 Avocadoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG-9 BORAGEATE	Peg9 Borageate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 BUTYLENE GLYCOL LAURATE	Peg9 Butylene Glycol Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 BUTYLOCTANOATE	Peg9 Butyloctanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 CASTOR OIL	PEG9 CASTOR OIL	61791-12-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 COCAMIDE MEA	Peg9 Cocamide Mea		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 COCOATE	PEG9 COCOATE	61791295	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 COCOGLYCERIDES	Peg9 Cocoglycerides	67762350	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 DIETHYLMONIUM CHLORIDE	Peg9 Diethylmonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 DIMETHACRYLATE	Peg9 Dimethacrylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 DIMETHICONE	PEG9 DIMETHICONE	68937542	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 DIMETHICONE	PEG-9 DIMETHICONE	68937-54-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-9 DISTEARATE	PEG9 DISTEARATE	109342	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 GLYCERYL ISOSTEARATE	Peg9 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 GRAPSEEDATE	Peg9 Grapeseedate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 ISOSTEARATE	Peg9 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 LAURATE	PEG9 LAURATE	655031	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 METHYL ETHER DIMETHICONE	Peg9 Methyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 OCTYLDODECANOATE	Peg9 Octyldodecanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-9 OLEAMIDE	Peg9 Oleamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 OLEATE	Peg9 Oleate	9004960	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 OLIVEATE	Peg9 Oliveate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	Peg9 Polydimethylsiloxyethyl Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG-9 RICINOLEATE	Peg9 Ricinoleate	9004971	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 SOYATE	Peg9 Soyate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 STEARAMIDE CARBOXYLIC ACID	Peg9 Stearamide Carboxylic Acid	90453591	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9 STEARATE	Peg9 Stearate	5349520	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90	PEG90	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90 DIISOSTEARATE	Peg90 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90 GLYCERYL ISOSTEARATE	Peg90 Glyceryl Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90 STEARATE	PEG90 STEARATE	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90/POLYEPSILON CAPROLACTONE	PEG90/POLYEPSILON CAPROLACTONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-90M	PEG90M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-9M	PEG9M	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-CROSSPOLYMER	PegCrosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-LYCEROL COCOATE	PegLycerol Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

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PEG-STEARATES	PegStearates	9004993	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG-XX	PegXx	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PEG-20/ 20 DIMETHICONE	Peg/ Peg20/ 20 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ Ppg 116/ 66 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 116/ 66 COPOLYMER	POLOXAMER 124	9003116	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	Peg/ Ppg 20/ 22 Butyl Ether Dimethicone	67762872	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	Peg/ppg24/18 Butyl Ether Dimethicone	67762872	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	67762-87-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	67762-87-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG 38/ 8 COPOLYMER	Peg/ Ppg 38/ 8 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 4/ 12 DIMETHICONE	Peg/ Ppg 4/ 12 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG 4/ 12 DIMETHICONE	PEG/ PPG 4/ 12 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG 8/ 3 LAURATE	Peg/ Ppg 8/ 3 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-10/ 2 RICINOLEATE	Peg/ Ppg10/ 2 Ricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-14/ 4 DIMETHICONE	Peg/ Ppg14/ 4 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-14/ 4 DIMETHICONE	PEG/ PPG-14/ 4 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

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PEG/ PPG-15/ 15 DIMETHICONE	Peg/ Ppg15/ 15 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-15/ 15 DIMETHICONE	PEG/ PPG-15/ 15 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-17/ 18 DIMETHICONE	Peg/ Ppg17/ 18 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-17/ 18 DIMETHICONE	PEG/ PPG-17/ 18 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-17/ 6 COPOLYMER	Peg/ Ppg17/ 6 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-18/ 18 DIMETHICONE	Peg/ Ppg18/ 18 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-18/ 18 DIMETHICONE	PEG/ PPG-18/ 18 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-18/ 8 DIMETHICONE	Peg/ Ppg18/ 8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-20/ 15 DIMETHICONE	Peg/ Ppg20/ 15 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-20/ 15 DIMETHICONE	PEG/ PPG-20/ 15 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-20/ 23 BENZOATE	Peg/ Ppg20/ 23 Benzoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-20/ 6 DIMETHICONE	Peg/ Ppg20/ 6 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-20/ 6 DIMETHICONE	PEG/ PPG-20/ 6 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-22/ 24 DIMETHICONE	Peg/ Ppg22/ 24 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-22/ 24 DIMETHICONE	PEG/ PPG-22/ 24 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/ PPG-240/ 60 COPOLYMER	Peg/ Ppg240/ 60 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/ PPG-25/ 25 DIMETHICONE/ ACRYLATES COPOLYMER	Peg/ Ppg25/ 25 Dimethicone/ Acrylates Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/ PPG-8/ 3 DIISOSTEARATE	Peg/ Ppg8/ 3 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG 120/10 TRIMETHYLOLPROPANE TRIOLEATE	PEG/PPG 120/10 TRIMETHYLOLPROPANE TRIOLEATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG Propylheptyl Ether	Decanol Alkoxylate	166736089	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PEG/PPG Propylheptyl Ether	Decanol Alkoxylate	166736089	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
PEG/PPG Propylheptyl Ether	Oxirane, 2methyl, polymer with oxirane, mono(2propylheptyl) ether	166736089	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-1/2 COPOLYMER	Peg/ppg1/2 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-1/25 DIETHYLMONIUM CHLORIDE	Peg/ppg1/25 Diethylmonium Chloride		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/2 COPOLYMER	Peg/ppg10/2 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/2 DIMETHICONE	Peg/ppg10/2 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/2 DIRICINOLEATE	Peg/ppg10/2 Diricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/3 OLEYL ETHER DIMETHICONE	Peg/ppg10/3 Oleyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/30 COPOLYMER	Peg/ppg10/30 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/65 COPOLYMER	Peg/ppg10/65 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-10/70 COPOLYMER	Peg/ppg10/70 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-100/70 TOCOPHERYL ETHER	Peg/ppg100/70 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-12/16 DIMETHICONE	Peg/ppg12/16 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-12/18 DIMETHICONE	Peg/ppg12/18 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-12/35 COPOLYMER	Peg/ppg12/35 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-125/30 COPOLYMER	Peg/ppg125/30 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG14/7 Dimethyl Ether	61419463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG3/6 Dimethyl Ether	61419463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG9/2 Dimethyl Ether	61419463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-150/30 COPOLYMER	Peg/ppg150/30 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-150/35 COPOLYMER	Peg/ppg150/35 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-16/17 COPOLYMER	Peg/ppg16/17 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-16/2 DIMETHICONE	PEG/PPG16/2 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-16/8 DIMETHICONE	Peg/ppg16/8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-160/30 COPOLYMER	Peg/ppg160/30 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-160/31 COPOLYMER	Peg/ppg160/31 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-17/4 DIMETHYL ETHER	PEG/PPG17/4 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-18/18 ISOSTEARATE	Peg/ppg18/18 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-18/18 LAURATE	Peg/ppg18/18 Laurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-18/4 COPOLYMER	Peg/ppg18/4 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-19/19 DIMETHICONE	PEG/PPG19/19 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-19/19 DIMETHICONE	PEG/PPG-19/19 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/PPG-19/21 COPOLYMER	Peg/ppg19/21 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-190/60 COPOLYMER	Peg/ppg190/60 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-2/5 TOCOPHERYL ETHER	Peg/ppg2/5 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/20 COPOLYMER	Peg/ppg20/20 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/20 DIMETHICONE	PEG/PPG20/20 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/20 DIMETHICONE	PEG/PPG-20/20 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/PPG-20/22 METHYL ETHER DIMETHICONE	Peg/ppg20/22 Methyl Ether Dimethicone	125857752	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/23 DIMETHICONE	PEG/PPG20/23 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/23 DIMETHICONE	PEG/PPG-20/23 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/PPG-20/29 DIMETHICONE	PEG/PPG20/29 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/60 COPOLYMER	Peg/ppg20/60 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/65 COPOLYMER	Peg/ppg20/65 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-20/9 COPOLYMER	Peg/ppg20/9 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-200/40 COPOLYMER	Peg/ppg200/40 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-200/70 COPOLYMER	Peg/ppg200/70 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-22/22 BUTYL ETHER DIMETHICONE	Peg/ppg22/22 Butyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-22/23 BUTYL ETHER DIMETHICONE	Peg/ppg22/23 Butyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-22/23 DIMETHICONE	PEG/PPG22/23 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-22/25 COPOLYMER	Peg/ppg22/25 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-22/40 DIMETHYL ETHER	PEG/PPG22/40 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-23/17 COPOLYMER	Peg/ppg23/17 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-23/23 BUTYL ETHER DIMETHICONE	Peg/ppg23/23 Butyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-23/50 COPOLYMER	Peg/ppg23/50 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-23/6 DIMETHICONE	PEG/PPG23/6 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-24/18 BUTYL ETHER DIMETHICONE	Peg/ppg24/18 Butyl Ether Dimethicone	67762872	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-24/24 METHYL ETHER GLYCIDOXY DIMETHICONE	Peg/ppg24/24 Methyl Ether Glycidoxy Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-25/25 DIMETHICONE	PEG/PPG25/25 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-25/25 DIMETHICONE	PEG/PPG-25/25 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/PPG-25/30 COPOLYMER	Peg/ppg25/30 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-26/31 COPOLYMER	Peg/ppg26/31 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-27/14 DIMETHYL ETHER	PEG/PPG27/14 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-27/27 DIMETHICONE	PEG/PPG27/27 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-27/27 DIMETHICONE	PEG/PPG-27/27 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PEG/PPG-27/9 BUTYL ETHER DIMETHICONE	Peg/ppg27/9 Butyl Ether Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-28/21 ACETATE DIMETHICONE	Peg/ppg28/21 Acetate Dimethicone	68037649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-28/30 COPOLYMER	Peg/ppg28/30 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-3/1 OLIVE OIL ESTERS	Peg/ppg3/1 Olive Oil Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-3/10 DIMETHICONE	PEG/PPG3/10 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-3/17 COPOLYMER	Peg/ppg3/17 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-3/6 DIMETHYL ETHER	PEG/PPG3/6 Dimethyl Ether	61419463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/10 DIMETHICONE	Peg/ppg30/10 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/10 TOCOPHERYL ETHER	Peg/ppg30/10 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/160 COPOLYMER	Peg/ppg30/160 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/33 COPOLYMER	Peg/ppg30/33 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/35 COPOLYMER	Peg/ppg30/35 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-30/55 COPOLYMER	Peg/ppg30/55 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-300/55 COPLOYMER	Peg/ppg300/55 Coploymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-300/55 COPOLYMER	Peg/ppg300/55 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-32/3 COPOLYMER	Peg/ppg32/3 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-32/3 DIRICINOLEATE	Peg/ppg32/3 Diricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-32/3 RICINOLEATE	Peg/ppg32/3 Ricinoleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-35/40 COPOLYMER	Peg/ppg35/40 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-35/40 DIMETHYL ETHER	PEG/PPG35/40 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-35/9 COPOLYMER	Peg/ppg35/9 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-36/41 DIMETHYL ETHER	PEG/PPG36/41 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-4/2 COPOLYMER	Peg/ppg4/2 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/10 TOCOPHERYL ETHER	Peg/ppg5/10 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/20 TOCOPHERYL ETHER	Peg/ppg5/20 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/3 TRISILOXANE	Peg/ppg5/3 Trisiloxane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/30 COPOLYMER	Peg/ppg5/30 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/30 TOCOPHERYL ETHER	Peg/ppg5/30 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-5/35 COPOLYMER	Peg/ppg5/35 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-50/20 TOCOPHERYL ETHER	Peg/ppg50/20 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-50/40 COPOLYMER	Peg/ppg50/40 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-50/40 DIMETHYL ETHER	PEG/PPG50/40 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-55/28 DIMETHYL ETHER	PEG/PPG55/28 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-6/11 DIMETHICONE	PEG/PPG6/11 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-6/2 COPOLYMER	Peg/ppg6/2 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-7/12 DIMETHYL ETHER	PEG/PPG7/12 Dimethyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-7/50 COPOLYMER	Peg/ppg7/50 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-70/30 TOCOPHERYL ETHER	Peg/ppg70/30 Tocopheryl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PEG/PPG-8/13 DIISOSTEARATE	Peg/ppg8/13 Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-8/14 DIMETHICONE	PEG/PPG8/14 DIMETHICONE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-8/17 COPOLYMER	Peg/ppg8/17 Copolymer	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-8/26 DIMETHICONE	Peg/ppg8/26 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-8/55 COPOLYMER	Peg/ppg8/55 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG-9/2 DIMETHYL ETHER	PEG/PPG9/2 Dimethyl Ether	6149463	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG/BUTYLENE/DIMETHICONE COPOLYMER	Peg/ppg/butylene/dimethicone Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEG/PPG/POLYBUTYLENE GLYCOL-8/5/3 GLYCERIN	Peg/ppg/polybutylene Glycol8/5/3 Glycerin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEGLICOL 5 OLEATE	Peglicol 5 Oleate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEGOXOL 7 STEARATE	Pegoxol 7 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEI-14 PEG-10/PPG-7 copolymer	PEI14 PEG10/PPG7 copolymer	52501072	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEI-14 PEG-10/PPG-7 copolymer	PEI14 PEG10/PPG7 copolymer	52501-07-2	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PEI-1500	Polyethyleneimine	9002986	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELAGONIUM GRAVEOLENS OIL	Geranium oil African	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS (GERANIUM)	PELARGONIUM GRAVEOLENS	90082512; 8000462	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS (GERANIUM)	PELARGONIUM GRAVEOLENS		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pelargonium graveolens be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PELARGONIUM GRAVEOLENS (GERANIUM) FLOWER OIL	Geranium oil	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS (GERANIUM) FLOWER OIL	Geranium oil African	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS (GERANIUM) FLOWER OIL	PELARGONIUM GRAVEOLENS	90082512; 8000462	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS EXTRACT	PELARGONIUM GRAVEOLENS	90082512; 8000462	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS LEAF OIL	Geranium oil	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS LEAF OIL	Geranium oil African	8000462	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PELARGONIUM GRAVEOLENS LEAF OIL	PELARGONIUM GRAVEOLENS	90082512; 8000462	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PELVETIA CANALICULATA (CHANNELLED WRACK) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
PENTADECALACTONE	Cyclopentadecanolide	106025	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
PENTADOXYNOL-200	Pentadoxynol200	40160927	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PENTAERYTHRITYL TETRA C5-9 ACID ESTERS	Carboxylic acids, C59, tetraesters with pentaerythritol	67762532	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PENTAMETHYL-CYCLOPENT-1-ENYL METHYL KETONE	1(2,4,4,5,5Pentamethyl cyclopentenyl)ethanone	13144882	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
PENTYL DIMETHYL PABA	AMYL PDIMETHYL AMINO BENZOATE	14779-78-3	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
PENTYLENE GLYCOL	PENTYLENE GLYCOL	5343920	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PENTYLENE GLYCOL	PENTYLENE GLYCOL	5343920	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
PERFLUORONONYL DIMETHICONE	PERFLUORONONYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PERFLUORONONYLETHYL CARBOXYDECYL LAURYL DIMETHICONE	PERFLUORONONYLETHYL CARBOXYDECYL LAURYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PERFLUORONONYLETHYL CARBOXYDECYL PEG-10 DIMETHICONE	Perfluorononylethyl Carboxydecyl Peg10 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PERFLUORONONYLETHYL CARBOXYDECYL PEG-8 DIMETHICONE	Perfluorononylethyl Carboxydecyl Peg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PERFLUORONONYLETHYL PEG-8 DIMETHICONE	Perfluorononylethyl Peg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PERFLUORONONYLETHYL STEARYL DIMETHICONE	PERFLUORONONYLETHYL STEARYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PERHYDROL UREA	PERHYDROL UREA	124436	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PERILLA OIL	PERILLA OIL	68132218	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PERILLALDEHYDE	pMentha1,8dien7al (Perilla aldehyde)	2111753	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
PERILLALDEHYDE	Perillaldehyde pMentha1,8dien7al	2111753	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PETITGRAIN CITRONIER OIL	Petitgrain lemon oil	8048519	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Petitgrain oil terpeneless	Petitgrain oil terpeneless, Paraguay	68915855	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Petitgrain terpenes	Petitgrain Paraguay oil terpenes	68917613	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PHAEOPHYCEA SEAWEED EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
PHENETHYL DIMETHICONE	PHENETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PHENOL, DODECYL-, MIXED ISOMERS	PHENOL, DODECYL-, MIXED ISOMERS	27193-86-8	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
PHENOXYISOPROPANOL	1Phenoxypropan2ol (8)	770354	The European Commission restricts this ingredient to a maximum concentration of 1.00% in rinseoff products.	
PHENOXYISOPROPANOL	Phenoxyisopropanol	770354	The European Commission restricts this ingredient to a maximum concentration of 2% in rinseoff products. The substance cannot be used in oral products.	
PHENOXYISOPROPANOL	Phenoxyisopropanol	770354	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
PHENYL DIMETHICONE	PHENYL DIMETHICONE	9005-12-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PHENYL METHICONE	PHENYL METHICONE	31230-04-3	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PHENYLACETALDEHYDE	PHENYLACETALDEHYDE	122781	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PHENYLACETALDEHYDE	PHENYLACETALDEHYDE	122781	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
PHENYLISOPROPYL DIMETHICONE	PHENYLISOPROPYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PHENYLPROPYL ETHYL METHICONE	PHENYLPROPYL ETHYL METHICONE	68037-77-4	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PHthalic ANHYDRIDE/ADIPIC ACID/CASTOR OIL/NEOPENTYL GLYCOL/PEG-3/TRIMETHYLOLPROPANE COPOLYMER	Phthalic Anhydride/adipic Acid/castor Oil/neopentyl Glycol/peg3/trimethylolpropane Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PHYLLACANTHA FIBROSA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PHYTANTRIOL	PHYTANTRIOL	74563-64-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: sulphated ash, heavy metals, and diastereomer of phytantriol (3,7,11,15tetramethyl,2,3,4tetrahydroxyhexadecane)	
PHYTOL	PHYTOL	150867	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PHYTOL PPG-5-CETETH-20	Phytol Ppg5Ceteth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PICEA MARIANA LEAF OIL	PICEA MARIANA LEAF OIL	91722199	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Pigment Red 4 (Uncertified D&C Red No. 36)	Color additives subject to batch certification	2814-77-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Pigment Red 57 (Uncertified D&C Red No. 6 or 7)	Color additives subject to batch certification	5858-81-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Pigment Red 57 (Uncertified D&C Red No. 6 or 7)	CI 15850	5858-81-1	This substance must contain <0.1% unsulfonated primary aromatic amines, <2 ppm lead and <1 ppm cadmium.	
Pigment Red 63:1 (Uncertified D&C Red No. 34)	Color additives subject to batch certification	6417-83-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Pigment Red 64:1 (Uncertified D&C Red No. 31)	Color additives subject to batch certification	6371-76-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Pigment Red 64:1 (Uncertified D&C Red No. 31)	D&C Red No. 31	6371-76-2	This substance may not contain detectable levels of Sudan I (CI Solvent Yellow 14; 1phenylazo2naphthol).	
PIMENTA ACRIS (BAY)	PIMENTA ACRIS (BAY)		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA ACRIS (BAY)	PIMENTA ACRIS (BAY)		Estragole is restricted to 0.01% or less in the finished product.	
PIMENTA ACRIS (BAY) FRUIT EXTRACT	PIMENTA ACRIS (BAY) FRUIT EXTRACT	91721-75-4	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA ACRIS (BAY) FRUIT EXTRACT	PIMENTA ACRIS (BAY) FRUIT OIL	91721754	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA ACRIS (BAY) FRUIT EXTRACT	PIMENTA ACRIS (BAY) FRUIT EXTRACT	91721-75-4	Estragole is restricted to 0.01% or less in the finished product.	
PIMENTA ACRIS (BAY) FRUIT EXTRACT	PIMENTA ACRIS (BAY) FRUIT OIL	91721754	Estragole is restricted to 0.01% or less in the finished product.	
PIMENTA ACRIS (BAY) FRUIT OIL	PIMENTA ACRIS (BAY) FRUIT OIL	91721754	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA ACRIS (BAY) FRUIT OIL	PIMENTA ACRIS (BAY) FRUIT OIL	91721754	Estragole is restricted to 0.01% or less in the finished product.	
PIMENTA ACRIS (BAY) LEAF OIL	PIMENTA ACRIS (BAY) LEAF OIL	8006788	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA ACRIS (BAY) LEAF OIL	PIMENTA ACRIS (BAY) LEAF OIL	8006788	Estragole is restricted to 0.01% or less in the finished product.	
PIMENTA DIOICA (ALLSPICE)	PIMENTA DIOICA (ALLSPICE)		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA DIOICA (ALLSPICE) EXTRACT	PIMENTA DIOICA (ALLSPICE) EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA DIOICA (ALLSPICE) FRUIT EXTRACT	PIMENTA DIOICA (ALLSPICE) FRUIT EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA DIOICA (ALLSPICE) LEAF EXTRACT	PIMENTA DIOICA (ALLSPICE) LEAF EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA DIOICA (ALLSPICE) OIL	Allspice oil	8006777	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PIMENTA DIOICA (ALLSPICE) OIL	Pimenta leaf oil	8006777	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PIMENTA DIOICA (ALLSPICE) OIL	PIMENTA DIOICA (ALLSPICE) OIL	8006777	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA OFFICINALIS (PIMENTO)	PIMENTA OFFICINALIS (PIMENTO)		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA OFFICINALIS (PIMENTO) EXTRACT	PIMENTA OFFICINALIS (PIMENTO) EXTRACT	84929-57-7	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA OFFICINALIS (PIMENTO) EXTRACT	PIMENTA OFFICINALIS (PIMENTO) EXTRACT	84929577	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMENTA OFFICINALIS (PIMENTO) LEAF OIL	PIMENTA OFFICINALIS (PIMENTO) LEAF OIL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PIMPINELLA ANISUM (ANISE) FRUIT OIL	PIMPINELLA ANISUM (ANISE) FRUIT OIL		Estragole is restricted to 0.01% or less in the finished product.	
PIMPINELLA ANISUM (ANISE) SEED EXTRACT	PIMPINELLA ANISUM (ANISE) SEED EXTRACT		Estragole is restricted to 0.01% or less in the finished product.	
PIMPINELLA ANISUM (ANISE) SEED OIL	PIMPINELLA ANISUM FRUIT EXTRACT	84775428	Estragole is restricted to 0.01% or less in the finished product.	
PIMPINELLA ANISUM FRUIT EXTRACT	PIMPINELLA ANISUM FRUIT EXTRACT	84775428	Estragole is restricted to 0.01% or less in the finished product.	
Pine needle, dwarf, oil (Pinus mugo turra var. pumilio (Haenke) Zenari)	Pine needle, dwarf, oil	8000268	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Pine needle, dwarf, oil (Pinus mugo turra var. pumilio (Haenke) Zenari)	Pine, Pinus pinaster, extract	8000268	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Pine needle, dwarf, oil (Pinus mugo turra var. pumilio (Haenke) Zenari)	Pinus nigra oil	8000268	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Pine needle, dwarf, oil (Pinus mugo turra var. pumilio (Haenke) Zenari)	PINUS MUGO/PUMILA	8000-26-8	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS MUGO LEAF OIL	PINUS MUGO/PUMILA	90082727; 97676056	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS MUGO LEAF OIL	PINUS MUGO/PUMILA	90082-72-7	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS MUGO PUMILIO TWIG LEAF EXTRACT	PINUS MUGO/PUMILA	90082-73-8	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS MUGO PUMILIO TWIG LEAF OIL	PINUS MUGO/PUMILA	90082-73-8	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO/PUMILA	90082-72-7	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS MUGO TWIG OIL	PINUS MUGO/PUMILA	90082-72-7	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pinus mugo/pumila be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PINUS PALUSTRIS (LONGLY PINE) OIL	PINUS PALUSTRIS OIL	8002093	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS PALUSTRIS TAR OIL	Pine tar oil	8011481	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS PALUSTRIS WOOD TAR	Pine tar oil	8011481	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PINUS PUMILA TWIG LEAF EXTRACT	PINUS MUGO/PUMILA	90082727; 97676056	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS PUMILIO OIL	Pine needle oil	8021292	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	Pine, extract	73049715	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF OIL	Pine scotch oil	8023992	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PIPER NIGRUM (BLACK PEPPER) OIL	Pepper, black, oil	8006824	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PIPER NIGRUM FRUIT EXTRACT	Pepper, white, oleoresin	84929419	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PISTACIA LENTISCUS (MASTIC) GUM	Mastic oil	68991399	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PISTACIA LENTISCUS (MASTIC) GUM	PISTACIA LENTISCUS (MASTIC) GUM	61789922	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PISTACIA LENTISCUS LEAF EXTRACT	PISTACIA LENTISCUS LEAF EXTRACT	90082829	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PISTACIA LENTISCUS LEAF EXTRACT	PISTACIA LENTISCUS LEAF OIL	90082829	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PISTACIA LENTISCUS LEAF OIL	PISTACIA LENTISCUS LEAF OIL	90082829	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
PISTACIA LENTISCUS LEAF WAX	PISTACIA LENTISCUS LEAF OIL	90082829	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
POGOSTEMON CABLIN (PATCHOULI)	POGOSTEMON CABLIN	8014093; 84238391	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
POGOSTEMON CABLIN (PATCHOULI)	POGOSTEMON CABLIN		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of pogostemon cablin be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
POGOSTEMON CABLIN (PATCHOULI) LEAF EXTRACT	POGOSTEMON CABLIN	8014093; 84238391	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
POGOSTEMON CABLIN (PATCHOULI) OIL	POGOSTEMON CABLIN	8014093; 84238391	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
POLIANTHES TUBEROSA CALLUS EXTRACT	POLIANTHES TUBEROSA EXTRACT	94334357	Limited to 0.1% due to classification 'may cause an allergic skin reaction' (GHS H317 1).	
POLIANTHES TUBEROSA CALLUS EXTRACT	POLIANTHES TUBEROSA EXTRACT	94334357	Polianthes tuberosa extract contains methyl eugenol (CAS: 93152), which the EU restricts in cosmetics and is an EWG unacceptable ingredient due to cancer hazard.	
POLIANTHES TUBEROSA CALLUS EXTRACT	POLIANTHES TUBEROSA CALLUS EXTRACT	94334357	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
POLIANTHES TUBEROSA EXTRACT	Tuberose concrete	94334-35-7	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
POLIANTHES TUBEROSA EXTRACT	POLIANTHES TUBEROSA EXTRACT	94334357	Limited to 0.1% due to classification 'may cause an allergic skin reaction' (GHS H317 1).	
POLIANTHES TUBEROSA EXTRACT	POLIANTHES TUBEROSA EXTRACT	94334357	Polianthes tuberosa extract contains methyl eugenol (CAS: 93152), which the EU restricts in cosmetics and is an EWG unacceptable ingredient due to cancer hazard.	
POLIANTHES TUBEROSA EXTRACT	POLIANTHES TUBEROSA CALLUS EXTRACT	94334357	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
POLIANTHES TUBEROSA EXTRACT	POLIANTHES TUBEROSA EXTRACT	94334357	The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
POLIANTHES TUBEROSA FLOWER WAX	POLIANTHES TUBEROSA EXTRACT	94334357	Polianthes tuberosa extract contains methyl eugenol (CAS: 93152), which the EU restricts in cosmetics and is an EWG unacceptable ingredient due to cancer hazard.	
POLIANTHES TUBEROSA POLYSACCHARIDE	POLIANTHES TUBEROSA EXTRACT	94334357	Polianthes tuberosa extract contains methyl eugenol (CAS: 93152), which the EU restricts in cosmetics and is an EWG unacceptable ingredient due to cancer hazard.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLOXAMER 101	POLOXAMER 101	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 105	POLOXAMER 105	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 105 BENZOATE	POLOXAMER 105 BENZOATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 108	POLOXAMER 108	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 122	POLOXAMER 122	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 123	POLOXAMER 123	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 124	POLOXAMER 124	9003116	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLOXAMER 124	POLOXAMER 124	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLOXAMER 124	POLOXAMER 124	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 181	POLOXAMER 181	9003-11-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLOXAMER 181	POLOXAMER 181	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 182	POLOXAMER 182	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 182 DIBENZOATE	POLOXAMER 182 DIBENZOATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 183	POLOXAMER 183	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 184	POLOXAMER 184	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLOXAMER 185	POLOXAMER 185	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 188	POLOXAMER 188	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 212	POLOXAMER 212	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 215	POLOXAMER 215	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 217	POLOXAMER 217	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 231	POLOXAMER 231	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 234	POLOXAMER 234	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 235	POLOXAMER 235	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 237	POLOXAMER 237	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 238	POLOXAMER 238	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 282	POLOXAMER 282	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 284	POLOXAMER 284	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 288	POLOXAMER 288	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 331	POLOXAMER 331	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 333	POLOXAMER 333	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLOXAMER 334	POLOXAMER 334	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 335	POLOXAMER 335	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 338	POLOXAMER 338	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 401	POLOXAMER 401	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 402	POLOXAMER 402	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 403	POLOXAMER 403	9003-11-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 407	POLOXAMER 407	9003-11-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4dioxane, residual ethylene oxide, and residual propylene oxide	
POLY C10-30 ALKYL ACRYLATE	POLY C10-30 ALKYL ACRYLATE		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
Poly(oxy-1,2-ethanediyl), .alpha;-(4-nonylphenyl)-.omega;-hydroxy-.branded	Poly(oxy1,2ethanediyl), .alpha;(4nonylphenyl).omega;hydroxy,branded	127087870	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), .ALPHA;--(NONYLPHENYL)-.OMEGA;-HYDROXY-, BRANCHED	Poly(oxy1,2ethanediyl), .alpha;(nonylphenyl).omega;hydroxy, branched	68412544	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), .ALPHA;--(OCTYLPHENYL)-.OMEGA;-HYDROXY-, BRANCHED	Poly(oxy1,2ethanediyl), .alpha;(octylphenyl).omega;hydroxy, branched	68987906	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Poly(oxy-1,2-ethanediyl), .alpha;-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega;-hydroxy-	Octylphenol Ethoxylate	9036195	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOSULFOPROPYL)-OMEGA-HYDROXY-,C10-C16 ALKYL	Poly(oxy1,2ethanediyl), alpha(3carboxyloxosulfopropyl)omegahydroxy, C10-16alkyl ethers, disodium salts	68815565	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOSULFOPROPYL)-OMEGA-HYDROXY-,C10-C16 ALKYL	Poly(oxy1,2ethanediyl), alpha(3carboxyloxosulfopropyl)omegahydroxy, C10-16alkyl ethers, disodium salts	68815565	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA-(3-CARBOXY-1-OXOSULFOPROPYL)-OMEGA-HYDROXY-,C10-C16 ALKYL	Poly(oxy1,2ethanediyl), alpha(3carboxyloxosulfopropyl)omegahydroxy, C10-16alkyl ethers, disodium salts	68815565	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLY(OXY-1,2-ETHANEDIYL), ALPHA-ISODECYL-OMEGA-HYDROXY-	Poly(Oxy1,2Ethanediyl), AlphalsodecylOmega Hydroxy	61827-42-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA,ALPHA'-((OCTADECYLIMINO)DI-2,1-ETHANEDIYL)BIS(OMEGA-HYDROXY-	Ethoxylated Octadecylamine	26635927	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA,ALPHA'-((OCTADECYLIMINO)DI-2,1-ETHANEDIYL)BIS(OMEGA-HYDROXY-	Poly(Oxy1,2Ethanediyl), Alpha,alpha'((Octadecylimino)di2,1Ethanediyl)bis(OmegaHydroxy	26635-92-7	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA,ALPHA',ALPHA",ALPHA'''-(1,2-ETHANEDIYLBIS(NITRILODI-2,1-	Poly(Oxy1,2Ethanediyl), Alpha,alpha',alpha",alp ha'''(1,2Ethanediylbis(NitriLOdi2,1	27014-42-2	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYACRYLAMIDE C 13-14 ISOPARAFFIN LAURETH-7	Polyacrylamide C 1314 Isoparaffin Laureth7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYACRYLAMIDE/ ISOPARRAFIN/ LAURETH-7	Polyacrylamide/ Isoparaffin/ Laureth7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYACRYLAMIDE	POLYACRYLAMIDE	9003-05-8	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLATE-10	POLYACRYLATE10		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLATE-11	POLYACRYLATE11		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLATE-13	POLYACRYLATE13		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLATE-14	POLYACRYLATE-14		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYACRYLATE-2	POLYACRYLATE2	31759429	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLATE-7	POLYACRYLATE7	243140332	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYACRYLIC ACID	POLYACRYLIC ACID	9003-01-4	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPROPYL BIGUANIDE	133029-32-0	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinseoff products (not applied to mucosa).	
POLYBUTENE	POLYBUTENE	9003296	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POLYBUTYL ACRYLATE	POLYBUTYL ACRYLATE	9003-49-0	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLYBUTYL METHACRYLATE	POLYBUTYL METHACRYLATE		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYDIMETHYLSILOXY PEG/PPG-24/19 BUTYL ETHER SILSESQUIOXANE	Polydimethylsiloxy Peg/ppg24/19 Butyl Ether Silsesquioxane	68554654	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHELENE OXIDE	POLYETHELENE OXIDE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethoxylated Methyloctadecylammonium Methyl Sulfate	Polyethoxylated Methyloctadecylammonium Methyl Sulfate	38096-68-3	The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process. Based on this finding, the concentration of 1,4 dioxane cannot exceed 1 ppm in the final product.	x
POLYETHYLACRYLATE	POLYETHYLACRYLATE	9003-32-1	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYETHYLENE BEADS	Polyethylene Beads		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE GLYCOL	Polyethylene Glycol	25322683	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethylene Glycol Mono (2-Ethylhexyl) Ether	Polyethylene Glycol Mono (2Ethylhexyl) Ether	26468860	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE GLYCOL MONOSTEARATE 1000	Polyethylene Glycol Monostearate 1000		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethylene glycol octylphenol ether;	Polyethylene Glycol Octylphenol Ether;	9002931	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethylene Glycol Octylphenyl Ether Phosphate	Polyethylene Glycol Octylphenyl Ether Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethylene Glycol Polyester	Polyethylene Glycol Polyester	9016880	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethylene Glycol Trimethyl Nonylphenyl Ether	Polyethylene Glycol Trimethyl Nonylphenyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE HDI/ TRIMETHYLOL HEXYLACTONE CROSSPOLYMER	Polyethylene Hdi/ Trimethylol Hexylactone Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE HYDROXYETHYLCELLULOSE	Polyethylene Hydroxyethylcellulose		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE IMINE	Polyethyleneimine	9002986	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLYETHYLENE ISOTEREPHTHALATE	Polyethylene isoterephthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE NAPHTHALATE	POLYETHYLENE NAPHTHALATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE PHTHALATE POLYMERS	POLYETHYLENE PHTHALATE POLYMERS		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE POLYGLYCERYL-4 ISOSTEARATE	Polyethylene Polyglyceryl4 Isostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE TEREPHTHALATE	Polyethylene Terephthalate	25038599	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE TERPHTHALATE/ ACRYLATES COPOLYMER	POLYETHYLENE TERPHTHALATE/ ACRYLATES COPOLYMER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE/ISOPROPYL MALEATE/MA COPOLYOL	Polyethylene/isopropyl Maleate/ma Copolyol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE/POLYETHYLENE TEREPHTHALATE LAMINATED POWDER	POLYETHYLENE/POLYETHYLENE TEREPHTHALATE LAMINATED POWDER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYETHYLENE/POLYPENTAERYTHRITYL TEREPHTHALATE LAMINATED POWDER	POLYETHYLENE/POLYPENTAERYTHRITYL TEREPHTHALATE LAMINATED POWDER		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethyleneglycol isotridecyl Ether	Poly(oxy1,2ethanediyl), .alpha.isotridecyl.omega.hydroxy	9043305	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Polyethyleneglycol isotridecyl Ether	Poly(oxy1,2ethanediyl), .alpha.isotridecyl.omega.hydroxy	9043305	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethyleneglycol isotridecyl Ether	Poly(oxy1,2ethanediyl), .alpha.isotridecyl.omega.hydroxy	9043305	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Polyethyleneglycol isotridecyl Ether	Polyethyleneglycol Isotridecyl Ether	9043305	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethyleneimine ethoxylates	Polyethyleneimine Ethoxylates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethyleneimine ethoxylates	Polyethyleneimine Ethoxylates		The total concentration of persistent ingredients cannot exceed 2%.	
Polyethyleneimine Propoxyethoxylate	Polyethyleneimine Propoxyethoxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyethyleneimine Propoxyethoxylate	Polyethyleneimine Propoxyethoxylate		The total concentration of persistent ingredients cannot exceed 2%.	
POLYGLUCOSE	POLYGLUCOSE		A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
POLYGLUCOSE	POLYGLUCOSE		Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
POLYGLYCERYL-2-PEG-4 STEARATE	Polyglyceryl2Peg4 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLYGLYCERYL-3 DISILOXANE DIMETHICONE	POLYGLYCERYL-3 DISILOXANE DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE	POLYGLYCERYL-3 POLYDIMETHYLSILOXYETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POLYGLYCERYL-4-PEG-2 COCAMIDE	Polyglyceryl4Peg2 Cocamide		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYHYDROXYETHYLMETHACRYLATE	POLYHYDROXYETHYLMETHACRYLATE	25249-16-5	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYMETHYL ACRYLATE	POLYMETHYL ACRYLATE	9003-21-8	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYMETHYL METHACRYLATE	POLYMETHYL METHACRYLATE	87210-32-0	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYOX PEG 7M	Polyox Peg 7m		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYOXYETHYLENE CETYL STEARYL DIETHER	Polyoxyethylene Cetyl Stearyl Diether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYOXYETHYLENE GLYCOL DIMERCAPTOACETATE	Polyoxyethylene Glycol Dimercaptoacetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYOXYETHYLENE POLYOXYPROPYLENE GLYCOL	Polyoxyethylene Polyoxypropylene Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYOXYMETHYLENE MELAMINE	polyoxymethylene melamine	9003-08-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG DIISOSTEARATE	Polyperfluoroethoxymethoxy Difluoroethyl Peg Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG ETHER	Polyperfluoroethoxymethoxy Difluoroethyl Peg Ether	88645298	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG ETHER DIISOSTEARATE	Polyperfluoroethoxymethoxy Difluoroethyl Peg Ether Diisostearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLYPERFLUOROETHOXYMETHOXY DIFLUOROETHYL PEG PHOSPHATE	Polyperfluoroethoxymethoxy Difluoroethyl Peg Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYPERFLUOROETHOXYMETHOXY PEG-2 PHOSPHATE	Polyperfluoroethoxymethoxy Peg2 Phosphate	162567740	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYPROPYL METHACRYLATE	POLYPROPYL METHACRYLATE		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POLYQUATERNIUM-15	POLYQUATERNIUM15	35429197	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-32	POLYQUATERNIUM15	35429197	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-32	POLYQUATERNIUM32	35429197	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-33	POLYQUATERNIUM33	69418264	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-39	Polyquaternium39	25136758	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-43	POLYQUATERNIUM43		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-5	POLYQUATERNIUM5	26006224	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-53	POLYQUATERNIUM53	84647381	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-63	POLYQUATERNIUM63		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-7	POLYQUATERNIUM7	26590056	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
POLYSILICONE-15	Dimethicodiethylbenzalmalonate	207574-74-1	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinseoff products (not applied to mucosa).	
POLYSILICONE-15	POLYSILICONE-15	207574-74-1	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POLYSORBATE 65	Sorbitan, trioctadecanoate, poly(oxy1,2ethanediyl) derivs.	9005714	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-20	POLYSORBATE20	9005645	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-40	PEG80 SORBITAN PALMITATE	9005667	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-40	POLYSORBATE40	9005667	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POLYSORBATE-60	PEG3 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-60	Peg4 Sorbitan Stearate	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-60	PEG40 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-60	PEG6 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-60	PEG60 SORBITAN STEARATE	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-60	POLYSORBATE60	9005678	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-80	PEG3 SORBITAN OLEATE	9005656	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-80	PEG6 SORBITAN OLEATE	9005656	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-80	POLYSORBATE80	9005656	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POLYSORBATE-85	Peg2 Sorbitan Trioleate	9005703	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Polyvinylmethyl Ether/Maleic Acid Copolymer	Polyvinylmethyl Ether/Maleic Acid Copolymer	25249643	The total concentration of persistent ingredients cannot exceed 2%.	
Polyvinylpyrrolidone	POLYVINYLPIRROLIDONE	9003398	The total concentration of persistent ingredients cannot exceed 2%.	
Polyvinylpyrrolidone	PVP	9003398	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
Ponceau SX (Uncertified FD&C Red No. 4)	Color additives subject to batch certification	4548-53-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
PORPHYRA UMBILICALIS (RED ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
PORPHYRA YEZOENSIS (ALGAE) LEAF	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
PORPHYRIDIUM CRUENTUM (RED ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
POTASSIUM ACRYLATES/ACRYLAMIDE COPOLYMER	POTASSIUM ACRYLATES/ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POTASSIUM ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	POTASSIUM ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	86416-97-9	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	POTASSIUM ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	86416-97-9	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	POTASSIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM ALUMINUM POLYACRYLATE	POTASSIUM ALUMINUM POLYACRYLATE		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM BENZOATE	POTASSIUM BENZOATE	582252	Benzoic acid and its benzoate salts are restricted to 2.5% in liquid hand washing soap and detergent (EU restriction for rinseoff), 3% in sprays (H318Eye damage) and 10% in other product categories except automatic laundry and dish detergent (H315Skin irritation).	
POTASSIUM BICARBONATE	POTASSIUM CARBONATE	298146	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POTASSIUM CARBOMER	POTASSIUM CARBOMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM CARBONATE	POTASSIUM CARBONATE	298146	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POTASSIUM CITRATE	TRIPOTASSIUM CITRATE	866842	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POTASSIUM DECETH-4 PHOSPHATE	Potassium Deceth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM DIMETHICONE	POTASSIUM DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POTASSIUM DIMETHICONE COPOLYOL PANTHENYL PHOSPHATE	POTASSIUM DIMETHICONE COPOLYOL PANTHENYL PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POTASSIUM DIMETHICONE COPOLYOL PANTHENYL PHOSPHATE	POTASSIUM DIMETHICONE COPOLYOL PANTHENYL PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POTASSIUM DIMETHICONE PEG-7 PANTHENYL PHOSPHATE	Potassium Dimethicone Peg7 Panthenyl Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM DIMETHICONE PEG-7 PANTHENYL PHOSPHATE	POTASSIUM DIMETHICONE PEG-7 PANTHENYL PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POTASSIUM DIMETHICONE PEG-7 PHOSPHATE	Potassium Dimethicone Peg7 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM DIMETHICONE PEG-7 PHOSPHATE	POTASSIUM DIMETHICONE PEG-7 PHOSPHATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
POTASSIUM DODECYLBENZENESULFONATE	Potassium dodecylbenzene sulfonate	2717771	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
POTASSIUM GLYCYRRHETINATE	POTASSIUM GLYCYRRHETINATE	85985-61-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals.	
POTASSIUM HYDROXIDE	Potassium hydroxide	1310583	Concentration limited to 0.5% due to classification 'causes skin irritation'.	
POTASSIUM LAURETH PHOSPHATE	Potassium Laureth Phosphate	68954870	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM LAURETH-10 CARBOXYLATE	Potassium Laureth10 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM LAURETH-3 CARBOXYLATE	Potassium Laureth3 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM LAURETH-4 CARBOXYLATE	Potassium Laureth4 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM LAURETH-5 CARBOXYLATE	Potassium Laureth5 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM LAURETH-6 CARBOXYLATE	Potassium Laureth6 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM OCTOXYNOL-12 PHOSPHATE	POTASSIUM OCTOXYNOL12 PHOSPHATE	68891736	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM OCTOXYNOL-12 PHOSPHATE	POTASSIUM OCTOXYNOL12 PHOSPHATE	68891736	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4dioxane and ethylene oxide.	
POTASSIUM PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Potassium Peg50 Hydrogenated Castor Oil Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
POTASSIUM POLYACRYLATE	POTASSIUM POLYACRYLATE	25608-12-2	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
POTASSIUM SILICATE	Silicic acid, potassium salt	1312761	Limited to 1% due to classification 'causes severe skin burns and eye damage' (GHS H314).	
POTASSIUM SILICATE	POTASSIUM SILICATE	1312761	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
POTASSIUM SORBATE	potasium sorbate	590001	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
POTASSIUM THIOGLYCOLATE	POTASSIUM THIOGLYCOLATE	34452512	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 1% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
POTASSIUM TOLUENESULFONATE	POTASSIUM TOLUENESULFONATE	16106448	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
POTASSIUM TRIDECETH-15 CARBOXYLATE	Potassium Trideceth15 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-19 CARBOXYLATE	Potassium Trideceth19 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-3 CARBOXYLATE	Potassium Trideceth3 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-4 CARBOXYLATE	Potassium Trideceth4 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-6 PHOSPHATE	Potassium Trideceth6 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-7 CARBOXYLATE	Potassium Trideceth7 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM TRIDECETH-7 PHOSPHATE	Potassium Trideceth7 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
POTASSIUM XYLENE SULFONATE	Potassium Xylene Sulfonate	30346737	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
PPG-1 CETETH-3 ACETATE	Ppg1 Ceteth3 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1 TRIDECETH-6	PPG1 Trideceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-CETETH-1	PPG1Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-CETETH-10	PPG1Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-1-CETETH-20	PPG1Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-CETETH-5	PPG1Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-DECETH-6	PPG1Deceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-ISOCETETH-3	Ppg1Isoceteth3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-PEG-9 LAURYL GLYCOL	Ppg1Peg9 Lauryl Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-1-PEG-9 LAURYL GLYCOL ETHER	Ppg1Peg9 Lauryl Glycol Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-10-CETEARETH-20	PPG10Ceteareth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-10-Laureth-7	Ppg10Laureth7	68439510	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-12 BUTETH-16	Ppg12 Buteth16	9038953	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-12 DIMETHICONE	PPG-12 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PPG-12-PEG-50 LANOLIN	Ppg12Peg50 Lanolin	68458888	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-12-PEG-65 LANOLIN OIL	Ppg12Peg65 Lanolin Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-13-DECYLTETRADECETH-24	PPG13Decyltetradeceth24		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-14 BUTYL ETHER	Dipropylene Glycol Butyl Ether	9003138	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
PPG-14 DECETH-6	Ppg14 Deceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-14 LAURETH-60 ALKYL DICARBAMATE	Ppg14 Laureth60 Alkyl Dicarbamate	226994827	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-14 LAURETH-60 HEXYL DICARBAMATE	Ppg14 Laureth60 Hexyl Dicarbamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-14 LAURETH-60 ISOPHORYL DICARBAMATE	Ppg14 Laureth60 Isophoryl Dicarbamate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-14 PALMETH-60 HEXYL DICARBAMATE	PPG14 PALMETH60 HEXYL DICARBAMATE	205599297	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-15-PEG-11 HYDROGENATED LAURYL ALCOHOL ETHER	Ppg15Peg11 Hydrogenated Lauryl Alcohol Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2 DIMETHICONE	Ppg2 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2 DIMETHICONE	PPG-2 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PPG-2 ISOCETETH-20 ACETATE	Ppg2 Isoceteth20 Acetate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-CETEARETH-9	PPG2Cetareth9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-CETETH-1	PPG2Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-CETETH-10	PPG2Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-CETETH-20	PPG2Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-CETETH-5	PPG2Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-10	PPG2Deceth10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-12	PPG2Deceth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-15	PPG2Deceth15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-20	PPG2Deceth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-3	PPG2Deceth3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-30	PPG2Deceth30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-40	PPG2Deceth40		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-50	PPG2Deceth50		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-2-DECETH-60	PPG2Deceth60		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-DECETH-7	PPG2Deceth7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-ISODECETH-12	PPG2Isodeceth12	155683775	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-ISODECETH-4	PPG2Isodeceth4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-ISODECETH-6	PPG2Isodeceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-ISODECETH-9	PPG2Isodeceth9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-LAURETH-5	PPG2Laureth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-LAURETH-8	PPG2Laureth8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-PEG-11 HYDROGENATED LAURYL ALCOHOL ETHER	PPG2PEG11 Hydrogenated Lauryl Alcohol Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-2-PEG-6 COCONUT OIL ESTERS	Ppg2Peg6 Coconut Oil Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-20-DECYLTETRADECETH-10	PPG20Decyltetradeceth10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-20-GLYCERETH-30	Propylene oxide ethylene oxide polymer, ether with glycerol (3:1)	9082002	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-20-PEG-20 HYDROGENATED LANOLIN	Ppg20Peg20 Hydrogenated Lanolin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-23-PEG-4 TRIMETHYLOLPROPANE	Ppg23Peg4 Trimethylolpropane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-23-STEARETH-34	PPG23Steareth34	9038431	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-24-PEG-21 TALLOWAMINOPROPYLAMINE	Ppg24Peg21 Tallowaminopropylamine		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-25-LAURETH-25	PPG25Laureth25	37311005	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-25-PEG-25 TRIMETHYLOLPROPANE	Ppg25Peg25 Trimethylolpropane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-3 METHYL ETHER	PPG3 METHYL ETHER	25498491	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-DECETH-2 CARBOXYLIC ACID	Ppg3Deceth2 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-ISODECETH-1	PPG3Isodeceth1		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-LAURETH-10	PPG3Laureth10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-LAURETH-12	PPG3Laureth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-LAURETH-8	PPG3Laureth8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-LAURETH-9	PPG3Laureth9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-3-PEG-6 OLEYL ETHER	PPG3PEG6 Oleyl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 DECETH-6	Ppg4 Deceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 LAURETH-2	Ppg4 Laureth2		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 LAURETH-5	Ppg4 Laureth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 LAURETH-7	Ppg4 Laureth7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 Laureth-8	Ppg4 Laureth8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 OLETH-10 DIMETHICONE	Ppg4 Oleth10 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4 TRIDECETH-6	Ppg4 Trideceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-CETEARETH-12	PPG4Cetareth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-CETETH-1	PPG4Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-CETETH-10	PPG4Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-4-CETETH-20	PPG4Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-CETETH-5	PPG4Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-DECETH-4	PPG4Deceth4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-ISODECETH-10	PPG4Isodeceth10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-4-LAURETH-15	PPG4Laureth15		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-40-PEG-60 LANOLIN OIL	Ppg40Peg60 Lanolin Oil		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5 CETEARETH-10 PHOSPHATE	Ppg5 Ceteareth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETEARETH-20	Ppg5Ceteareth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-10 PHOSPHATE	Ppg5Ceteth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG1Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG1Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG1Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG1Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG2Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG2Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG2Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG2Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG4Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-5-CETETH-20	PPG4Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG4Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG4Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG5Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG8Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG8Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG8Ceteth2	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG8Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-CETETH-20	PPG8Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-5-LAURETH-5	PPG5Laureth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6 C12-15 PARETH-12	PPG6 C1215 Pareth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6 C9-11 PARETH-5	PPG6 C911 Pareth5	154518362	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6 DECYLTETRADECETH-30	Ppg6 Decyltetradeceth30		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6 TRIDECETH-8	PPG6 Trideceth8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6-DECETH-4	Ppg6Deceth4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6-DECETH-9	Ppg6Deceth9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6-DECYLTETRADECETH-12	PPG6Decyltetradeceth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-6-DECYLTETRADECETH-20	PPG6Decyltetradeceth20		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PPG-6-LAURETH-3	PPG6Laureth3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-65-PEG-5 PENTAERYTHRITYL ETHER	Ppg65Peg5 Pentaerythrityl Ether		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-68-PEG-10 TRIMETHYLOLPROPANE	Ppg68Peg10 Trimethylolpropane		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-75-PEG-300 HEXYLENE GLYCOL	Ppg75Peg300 Hexylene Glycol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8 DECETH-6	Ppg8 Deceth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8-CETETH-1	PPG8Ceteth1	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8-CETETH-10	PPG8Ceteth10	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8-CETETH-2	PPG8Ceteth2	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8-CETETH-20	PPG8Ceteth20	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG-8-CETETH-5	PPG8Ceteth5	9087530	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG/ PEG-18 DIMETHICONE	Ppg/ Peg18 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG/ PEG-18 DIMETHICONE	PPG/ PEG-18 DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PPG/PEG-10/2 GLYCERYL COCOATE	Ppg/peg10/2 Glyceryl Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PPG/PEG-2/10 GLYCERYL COCOATE	Ppg/peg2/10 Glyceryl Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPANEDIOL	Propane1,3diol	504632	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PROPIONANILIDE, N-(1-PHENETHYL-4-PIPERIDYL)-	PROPIONANILIDE, N-(1-PHENETHYL-4-PIPERIDYL)-	437-38-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
PROPOXYTETRAMETHYL PIPERIDINYL DIMETHICONE	PROPOXYTETRAMETHYL PIPERIDINYL DIMETHICONE	171543-65-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
PROPYLENE GLYCOL BUTYL ETHER	Propylene glycol monobutyl ether	5131668	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PROPYLENE GLYCOL BUTYL ETHER	Propylene glycol nbutyl ether	5131668	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
PROPYLENE GLYCOL CETETH-3 ACETATE	Propylene Glycol Ceteth3 Acetate	93385-03-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL CETETH-3 PROPIONATE	Propylene Glycol Ceteth3 Propionate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL ISOCETETH-3 ACETATE	Propylene glycol isoceteth3 acetate	178900237	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL ISODECETH-12	Propylene Glycol Isodeceth12		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL ISODECETH-4	Propylene Glycol Isodeceth4		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL LAURETH-6	Propylene Glycol Laureth6		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL OLETH-5	Propylene Glycol Oleth5		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PROPYLENE GLYCOL PROPYL ETHER	propylene glycolnpropyl ether	1569013	This ingredient is restricted to 3% in all product categories because data from REACH registration and CLP notification indicate this substance can cause serious eye damage and the Ingredient is a VOC.	
PROPYLIDENE PHTHALIDE	3PROPYLIDENEPHTHALIDE	17369594	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in household cleaning products.	
PROPYLIDENE PHTHALIDE	PROPYLIDENE PHTHALIDE	17369594	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
PROPYLIDENE PHTHALIDE	PROPYLIDENE PHTHALIDE	17369594	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of propylidene phthalide be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
PROTEASE	Protease	9001927	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
PRUNUS PERSICA (PEACH)	PRUNUS PERSICA (PEACH)		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
PUMPKIN SEED OIL PEG-8 ESTERS	Pumpkin Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
PVM/ MA COPOLYMER	Polyvinylmethyl Ether/Maleic anhydride Copolymer	9011169	The total concentration of persistent ingredients cannot exceed 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
PVP-HYDROGEN PEROXIDE	PVPHYDROGEN PEROXIDE	135927365	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
PYRIDINE, ETHENYL-, 1-OXIDE, HOMOPOLYMER	PYRIDINE, ETHENYL-, 1-OXIDE, HOMOPOLYMER	9045812	The total concentration of persistent ingredients cannot exceed 2%.	
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES	QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-18-ALKYLDIMETHYL, CHLORIDES	63449-41-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
QUATERNIUM-14	QUATERNIUM-14	27479-28-3	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
QUATERNIUM-53	Quaternium53	68410-69-5	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
QUININE	QUININE	130950	The European Commission restricts this ingredient to a maximum concentration of 0.5% (as quinine base) in hair rinseoff products and 0.2% (as quinine base) in hair leaveon products.	
RAPESEED OIL PEG-20 ESTERS	Rapeseed Oil Peg20 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
RAPESEED OIL PEG-3 ESTERS	Rapeseed Oil Peg3 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
RASPBERRY SEED OIL PEG-8 ESTERS	Raspberry Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
RAVENSARA AROMATICA OIL	Ravensara aromatica oil	91770568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
RAVENSARA AROMATICA TWIG EXTRACT	Ravensara aromatica oil	91770568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
RED ALGAE CAREGEENAN	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
RED ALGAE GEL	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Redberry CO2 extract (Schinus terebenthifolius)	Schinus terebenthifolius CO2 extract	949495685	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
RHODINOLS	Citronellol	106229; 1117619; 26489010; 6812788; 141253; 68916438; 7540514	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
RIBES NIGRUM (BLACKCURRANT) SEED OIL	Cassis bud absolute	97676192	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
RICHINOLETH-18	Richinoleth18		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
RICINOLETH-40	Ricinoleth40		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ROSA CANINA (ROSE) FLOWER OIL	ROSE FLOWER OIL (ROSA SPP.)		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose flower oil (rosa spp.) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSA CENTIFOLIA FLOWER OIL	ROSE FLOWER OIL (ROSA SPP.)		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose flower oil (rosa spp.) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSA DAMASCENA (ROSE)	ROSA DAMASCENA (ROSE)		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA DAMASCENA (ROSE) FLOWER	ROSA DAMASCENA (ROSE) FLOWER		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA DAMASCENA (ROSE) FLOWER OIL	ROSA DAMASCENA (ROSE) OIL		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA DAMASCENA EXTRACT	ROSA DAMASCENA (ROSE) EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA DAMASCENA FLOWER EXTRACT	ROSA DAMASCENA (ROSE) FLOWER EXTRACT		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA DAMASCENA FLOWER WATER	ROSA DAMASCENA (BULGARIAN ROSE) WATER		The International Fragrance Association restrictions methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
ROSA GALLICA FLOWER OIL	ROSE FLOWER OIL (ROSA SPP.)		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose flower oil (rosa spp.) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSA OTTO (ROSE) FLOWER OIL	ROSE FLOWER OIL (ROSA SPP.)		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose flower oil (rosa spp.) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSA RUBIGINOSA SEED OIL PEG-8 ESTERS	Rosa Rubiginosa Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
ROSE HIPS	ROSE HIPS		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
ROSE KETONE-3	DELTADAMASCONE	57378684	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ROSE KETONE-3	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ROSE KETONE-3	DELTADAMASCONE	57378684	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of deltamascone be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSE KETONE-4	rose keton4 (damascenone)	23696857	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
ROSE KETONE-4	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ROSE KETONE-4	rose keton4 (damascenone)	23696857	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of rose keton4 (damascenone) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ROSE KETONE-5	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
ROSMARINUS OFFICINALIS (ROSEMARY) EXTRACT	ROSMARINUS OFFICINALIS (ROSEMARY) LEAF EXTRACT	84604148	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317IB).	
ROSMARINUS OFFICINALIS (ROSEMARY) LEAF EXTRACT	ROSMARINUS OFFICINALIS (ROSEMARY) LEAF EXTRACT	84604148	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317IB).	
ROSMARINUS OFFICINALIS (ROSEMARY) LEAF OIL	Rosemary oil	8000257	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317IB).	
ROSMARINUS OFFICINALIS (ROSEMARY) LEAF OIL	ROSMARINUS OFFICINALIS (ROSEMARY) LEAF EXTRACT	84604148	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317IB).	
RUTILE	RUTILE	1317-80-2	Per the U.S. FDA, titanium dioxide shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Antimony (as Sb), not more than 2 parts per million. Mercury (as Hg), not more than 1 part per million. Loss on ignition at 800 °C. (after drying for 3 hours at 105 °C.), not more than 0.5 percent. Water soluble substances, not more than 0.3 percent. Acid soluble substances, not more than 0.5 percent. TiO2, not less than 99.0 percent after drying for 3 hours at 105 °C. Lead, arsenic, and antimony shall be determined in the solution obtained by boiling 10 grams of the titanium dioxide for 15 minutes in 50 milliliters of 0.5N hydrochloric acid.	x
S-TRIAZINE, 4,6-DIAMINO-2-NONOXY-	STriazine, 4,6Diamino2Nonoxy	19619-57-9	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Saccharina japonica	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
Saccharina japonica extract	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SACCHAROMYCES/LAMINARIA SACCHARINA FERMENT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SACCHARUM OFFICINARUM (SUGAR CANE)	SACCHARUM OFFICINARUM (SUGAR CANE)		Per the Cosmetic Ingredient Review (CIR) February 2022 Safety Assessment of Saccharum officinarum (Sugarcane)-Derived Ingredients as Used in Cosmetics, sugarcane-derived ingredients may be contaminated with polycyclic aromatic hydrocarbons (PAHs) due to the burning that occurs during the harvest.	x
SACCHARUM OFFICINARUM (SUGAR CANE) EXTRACT	SACCHARUM OFFICINARUM (SUGAR CANE) EXTRACT	91722-22-4	Per the Cosmetic Ingredient Review (CIR) February 2022 Safety Assessment of Saccharum officinarum (Sugarcane)-Derived Ingredients as Used in Cosmetics, sugarcane-derived ingredients may be contaminated with polycyclic aromatic hydrocarbons (PAHs) due to the burning that occurs during the harvest.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SACCHARUM OFFICINARUM (SUGAR CANE) JUICE	SACCHARUM OFFICINARUM (SUGAR CANE) JUICE		Per the Cosmetic Ingredient Review (CIR) February 2022 Safety Assessment of Saccharum officinarum (Sugarcane)-Derived Ingredients as Used in Cosmetics, sugarcane-derived ingredients may be contaminated with polycyclic aromatic hydrocarbons (PAHs) due to the burning that occurs during the harvest.	x
SACCHARUM OFFICINARUM FERMENT EXTRACT	SACCHARUM OFFICINARUM FERMENT EXTRACT	91770-72-8	Per the Cosmetic Ingredient Review (CIR) February 2022 Safety Assessment of Saccharum officinarum (Sugarcane)-Derived Ingredients as Used in Cosmetics, sugarcane-derived ingredients may be contaminated with polycyclic aromatic hydrocarbons (PAHs) due to the burning that occurs during the harvest.	x
SACHARINA ANGUSTATA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SAFFLOWER SEED OIL PEG-8 ESTERS	Safflower Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SALICYLALDEHYDE	Salicylaldehyde	90028	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SALICYLALDEHYDE	Salicylaldehyde	90028	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of salicylaldehyde be indicated in the list of ingredients on the product's website when its concentration exceeds 0,001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
SALICYLIC ACID	Salicylic acid	69727	According to the Danish Institute on Endocrine Disruptors, this substance is classified as an endocrine disruptor, therefore its use is restricted to 0.5% in EWG VERIFIED cleaning products, following the European Commissions maximum authorized concentration for preservation of cosmetics as outlined in Annex VI.	
SALVIA OFFICINALIS (SAGE) OIL	Sage Dalmatian oil	8022568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SALVIA OFFICINALIS (SAGE) OIL	Sage oil, Spanish	8022568	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SALVIA SCLAREA (CLARY SAGE) OIL	Clary sage oil	8016635	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SANTALUM ALBUM (SANDALWOOD)	SANTALUM ALBUM	84787702; 8006879	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SANTALUM ALBUM (SANDALWOOD)	SANTALUM ALBUM		As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of santalum album be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
SANTALUM ALBUM (SANDALWOOD) EXTRACT	SANTALUM ALBUM	84787702; 8006879	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SANTALUM ALBUM (SANDALWOOD) OIL	Sandalwood oil	8006879	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SANTALUM ALBUM (SANDALWOOD) OIL	SANTALUM ALBUM	84787702; 8006879	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SANTALUM AUSTROCALEDONICUM (SANDALWOOD) WOOD OIL	SANTALUM AUSTROCALEDONICUM (SANDALWOOD) WOOD OIL	91845486	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
SAPONIFIED CANNABIS SATIVA (HEMP) OIL	CANNABIDIOL	13956291	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
SAPONIFIED CANNABIS SATIVA (HEMP) OIL	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SARGASSEM FILIPENDULA (SEAWEED) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM FILIPENDULA (SARGASSUM WEED) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM FUSIFORME EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM FUSIFORME POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM MUTICUM EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM PALLIDUM (SARGASSUM WEED)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM PALLIDUM (SARGASSUM WEED) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM PALLIDUM POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM SEA MINERALS	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SARGASSUM VULGARE EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SASSAFRAS OFFICINALE ROOT OIL	SASSAFRAS OFFICINALE ROOT OIL	8006802	Products containing this substance must contain less than 0.01% safrole as indicated by the International Fragrance Association .	
SAVORY OIL	Savory summer oil	8016680	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SCENTENAL	Methoxy dicyclopentadiene carboxaldehyde (Scentenal)	86803909	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.5% in household cleaning products.	
SCENTENAL	SCENTENAL	86803909	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SCHINUS MOLLE OIL	Schinus molle oil	68917522	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SCLAREOL	SCLAREOL	515037	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SCLAREOL	SCLAREOL	515037	Sclareol used as a fragrance ingredient should have a minimum purity of 98%.	
SCLAREOL	SCLAREOL	515037	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of sclareol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
SEA ALGAE COMPLEX	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SEAWEED COMPLEX	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SEBACIC ACID	SEBACIC ACID	111-20-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in rinseoff products and 0.03% in leavein products.	
Secondary alcohol ethoxylates	Secondary Alcohol Ethoxylates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SERICIN	SERICIN	60650-88-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
SHEA BUTTER PEG-32 ESTERS	Shea Butter Peg32 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SHEA BUTTER PEG-8 ESTERS	Shea Butter Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SILICA DIMETHICONE SILYLATE	SILICA DIMETHICONE SILYLATE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
SILICA, CRYSTALLINE (QUARTZ)	SILICA, CRYSTALLINE (QUARTZ)	14808607	Particle size must be of noncarcinogenic form.	
SILICA, CRYSTALLINE (QUARTZ)	crystalline silica	14808607	Crystalline silica, quartz is prohibited from use in powdered and spray products due to concerns for cancer from respirable particles. Crystalline silica, quartz is restricted to a particle size greater than 10 um in other product categories.	
SILICATE	Silicate	12627133	Limited to 5% in laundry and dish detergent and 1% in other products due to classification of a similar substance as 'causes severe skin burns and eye damage' (GHS H314).	
SILICATE	Silicate	12627133	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
SILICIC ACID (H ₂ SiO ₃), DISODIUM SALT, PENTAHYDRATE	Silicic acid, disodium salt, pentahydrate	10213793	Limited to 1% due to classification 'causes severe skin burns and eye damage' (GHS H314).	
SILICIC ACID (H ₂ SiO ₃), DISODIUM SALT, PENTAHYDRATE	sodium metasilicate pentahydrate	10213793	Due to hazard concerns for irritation and corrosion this ingredient is limited to 10% in automatic dish and laundry detergent and 5% in other product categories.	
SILICONE FLUID	Dimethyl Siloxanes And Silicones	63148629	The total concentration of persistent ingredients cannot exceed 2%.	
SILICONE FLUID	Silicone Fluid	63148629	The total concentration of persistent ingredients cannot exceed 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SILICONE QUATERNIUM-16/GLYCIDOXY DIMETHICONE CROSSPOLYMER	SILICONE QUATERNIUM-16/GLYCIDOXY DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
SILICONE QUATERNIUM-16/GLYCIDOXY DIMETHICONE CROSSPOLYMER	SILICONE QUATERNIUM-16/GLYCIDOXY DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED-	Polydimethylsiloxane, hydroxyterminated	70131678	The total concentration of persistent ingredients cannot exceed 2%.	
SILOXANES AND SILICONES, DI-ME, REACTION PRODUCTS WITH SILICA	Dimethyl silicone polymer with silica	67762907	The total concentration of persistent ingredients cannot exceed 2%.	
SILVER COPPER ZEOLITE	SILVERCOPPERZEOLITE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in rinseoff products (not applied to mucosa).	
SILVER NITRATE	SILVER NITRATE	7761-88-8	Per the U.S. FDA, silver nitrate shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: (1) Arsenic, not more than 3 milligrams/kilogram (mg/kg) (3 parts per million (ppm)). (2) Cadmium, not more than 5 mg/kg (5 ppm). (3) Lead, not more than 10 mg/kg (10 ppm). (4) Mercury, not more than 1 mg/kg (1 ppm). (5) Volatile matter, calculated as water, not more than 0.1 percent. (6) Total color, not less than 99.9 percent.	x
SILVER, COLLOIDAL	SILVER, COLLOIDAL	7440-22-4	Per the U.S. FDA, silver shall conform to the following specifications and shall be free from impurities other than those named to the extent that such other impurities may be avoided by good manufacturing practice: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 5 parts per million. Mercury (as Hg), not more than 1 part per million. Silver (as Ag), not less than 99.9 percent.	x
SIMETHICONE	SIMETHICONE	8050-81-5	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
SIMMONDSIA CHINENSIS (JOJOBA) OIL PEG-150 ESTERS	Simmondsia Chinensis (jojoba) Oil Peg150 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SIMMONDSIA CHINENSIS (JOJOBA) OIL PEG-8 ESTERS	Simmondsia Chinensis (jojoba) Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SIMMONDSIA CHINENSIS (JOJOBA) WAX PEG-120 ESTERS	Simmondsia Chinensis (jojoba) Wax Peg120 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SIMMONDSIA CHINENSIS (JOJOBA) WAX PEG-80 ESTERS	Simmondsia Chinensis (jojoba) Wax Peg80 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Sodium 4-nonanoxybenzenesulfonate	Sodium 4nonanoxybenzenesulfonate	89740114	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
SODIUM ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE COPOLYMER	SODIUM ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
SODIUM ACRYLATE/VINYL ALCOHOL COPOLYMER	SODIUM ACRYLATE/VINYL ALCOHOL COPOLYMER	27599-56-0	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM ACRYLATES COPOLYMER	SODIUM ACRYLATES COPOLYMER	25549-84-2	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLATES/ C10-30 ALKYL ACRYLATE CROSSPOLYMER	SODIUM ACRYLATES/ C10-30 ALKYL ACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER	SODIUM ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLATES/ACROLEIN COPOLYMER	SODIUM ACRYLATES/ACROLEIN COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLATES/BEHENETH-25 METHACRYLATE CROSSPOLYMER	SODIUM ACRYLATES/BEHENETH-25 METHACRYLATE CROSSPOLYMER		EWG restricts the summed concentration of residual monomers (methacrylic acid and its simple esters) to a maximum concentration of 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers due to concerns over dermal sensitization.	x
SODIUM ACRYLATES/BEHENETH-25 METHACRYLATE CROSSPOLYMER	SODIUM ACRYLATES/BEHENETH-25 METHACRYLATE CROSSPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	SODIUM ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE/VP COPOLYMER	SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE/VP COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
Sodium Alkyl Aryl Ether Sulfate	Sodium Alkyl Aryl Ether Sulfate	55348408	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM BENZOATE	Sodium benzoate	532321	Benzoic acid and its benzoate salts are restricted to 2.5% in liquid hand washing soap and detergent (EU restriction for rinseoff), 3% in sprays (H318eye damage) and 10% in other product categories except automatic laundry and dish detergent (H315skin irritation).	
SODIUM BENZOTRIAZOLYL BUTYLPHENOL SULFONATE	SODIUM BENZOTRIAZOLYL BUTYLPHENOL SULFONATE	92484485	Use limited to 3% due to classification 'causes serious eye damage' (GHS H318).	
SODIUM BISULFATE	Sodium bisulfite	7681381	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM BISULFITE	Sodium bisulfite	7681381	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM C11-15 PARETH-7 CARBOXYLATE	Sodium C1115 Pareth7 Carboxylate	68603236	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM C12-13 PARETH SULFATE	SODIUM C1213 PARETH SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Sodium C12-14 Amines-tert-Alkylated Ethoxylated Sulfates	Sodium C1214 AminesTertAlkylated Ethoxylated Sulfates		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM C12-15 PARETH-6 CARBOXYLATE	Sodium C1215 Pareth6 Carboxylate	70632-06-3	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM C14-16 OLEFIN SULFONATE	SODIUM C1416 OLEFIN SULFONATE	68439576	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM C14-16 OLEFIN SULFONATE	SODIUM C1416 OLEFIN SULFONATE	68439576	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM C14-16 OLEFIN SULFONATE	SODIUM C1418 OLEFIN SULFONATE	68439576	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM C14-16 OLEFIN SULFONATE	SODIUM C1416 OLEFIN SULFONATE	68439576	The gamma sultone levels should not exceed 10 ppm for saturated (alkane) sultones, 1 ppm for chlorosultones, and 0.1 ppm for unsaturated sultones	
SODIUM C14-18 OLEFIN SULFONATE	SODIUM C1418 OLEFIN SULFONATE	68439576	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM CAPRYLYL SULFONATE	Sodium octanedisulphonate monohydrate	5324845	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM CARBOMER	SODIUM CARBOMER	1401207-41-7	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM CARBONATE PEROXIDE	Disodium carbonate, compound with hydrogen peroxide (2:3)	15630894	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM CARBONATE PEROXIDE	SODIUM CARBONATE PEROXIDE	15630894	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	
SODIUM CARBOXYDECYL PEG-8 DIMETHICONE	Sodium Carboxydecyl Peg8 Dimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM CARBOXYMETHYL STARCH	SODIUM CARBOXYMETHYL STARCH	9063381	This substance must be produced using current good manufacturing practices to limit potentially harmful impurities, as recommended by the Cosmetic Ingredient Review panel.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM CETEARETH-13 CARBOXYLATE	Sodium Ceteareth13 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM CETETH-13 CARBOXYLATE	Sodium Ceteth13 Carboxylate	33939650	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM CETETH-4 PHOSPHATE	Sodium Ceteth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM COCETH SULFATE/ PEG-40 GLYCERYL COCOATE	Sodium Coceth Sulfate/ Peg40 Glyceril Cocoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM COCETH-30 SULFATE	Sodium Coceth30 Sulfate	68891383	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM COCO-SULFATE	Sodium CocoSulfate	97375274	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM COCO-SULFATE	Sodium CocoSulfate	97375274	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM COCOYL ISETHIONATE	Fatty acids, coconut oil, sulfoethyl esters, sodium salts	61789320	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM CUMENESULFONATE	SODIUM CUMENESULFONATE	28348530	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM DECETH SULFATE	SODIUM DECETH SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DECETH-2 CARBOXYLATE	Sodium Deceth2 Carboxylate	38815939	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DECETH-3 SULFATE	Sodium Deceth3 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DECYL SULFATE	Sulfuric acid, monodecyl ester, sodium salt (1:1)	142870	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM DECYL SULFATE	Sulfuric acid, monodecyl ester, sodium salt (1:1)	142870	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM DECYLBENZENESULFONATE	SODIUM DECYLBENZENESULFONATE	1322981	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
Sodium decylglucosides hydroxypropyl phosphate	SODIUM DECYLGLUCOSIDES HYDROXYPROPYL PHOSPHATE	740817985	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
Sodium decylglucosides hydroxypropyl phosphate	SODIUM DECYLGLUCOSIDES HYDROXYPROPYL PHOSPHATE	740817985	Some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold. Limited to 5% in spray products and not allowed in laundry detergent or dishwashing detergent because of phosphate salt.	
SODIUM DICETEARETH-10 PHOSPHATE	Sodium Diceteareth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DICOCOYLETHYLENEDIAMINE PEG-15 STEARATE	Sodium Dicoocylethylenediamine Peg15 Stearate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM DICOCOYLETHYLENEDIAMINE PEG-15 SULFATE	Sodium Dicocoylethylenediamine Peg15 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DILAURETH-10 PHOSPHATE	Sodium Dilaureth10 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DILAURETH-4 PHOSPHATE	Sodium Dilaureth4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DILAURETH-7 CITRATE	Sodium Dilaureth7 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DIMETHICONE PEG-7 ACETYL METHYLTAURATE	Sodium Dimethicone Peg7 Acetyl Methyltaurate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM DIOLETH-8 PHOSPHATE	Sodium Dioleth8 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Sodium Disilicate	Sodium Disilicate	13870285	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of 2.8 or greater and is limited to a maximum concentration of 10%.	
Sodium dodecyl diphenyl oxide disulfonate	Sodium dodecyl diphenyl oxide disulfonate	119345049	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sodium dodecyl diphenyl oxide disulfonate	Sodium dodecyl diphenyl oxide disulfonate	119345049	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM DODECYLBENZENESULFONATE	SODIUM DODECYLBENZENESULFONATE	25155300	This ingredient is nonanaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
SODIUM DODECYLBENZENESULFONATE	SODIUM DODECYLBENZENESULFONATE	25155300	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM ETHYLHEXYL SULFATE	Sodium etasulfate	126921	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM ETHYLHEXYL SULFATE	Sodium etasulfate	126921	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM ETHYLHEXYL SULFATE	Sodium octyl sulphate	142314	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM ETHYLHEXYL SULFATE	Sodium octyl sulphate	142314	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM HEXAMETAPHOSPHATE	SODIUM HEXAMETAPHOSPHATE	10124568	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM HEXYLDIPHENYL ETHER SULFONATE	SODIUM HEXYLDIPHENYL ETHER SULFONATE	147732603	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM HYDROXIDE	Sodium hydroxide	1310732	Concentration limited to 0.5% due to classification 'causes skin irritation'.	
SODIUM LANETH SULFATE	SODIUM LANETH SULFATE	68919233	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH SULFATE	SODIUM LAURETH SULFATE	9004824	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH SULFATE	SODIUM LAURETH SULFATE	9004824	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM LAURETH SULFATE	SODIUM LAURETH SULFATE	9004824	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth6 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth8 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-14 CARBOXYLATE	Sodium Laureth14 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-16 CARBOXYLATE	Sodium Laureth16 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-17 CARBOXYLATE	Sodium Laureth17 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-2 PHOSPHATE	Sodium Laureth2 Phosphate	42612522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-2 PHOSPHATE	Sodium Laureth4 Phosphate	42612522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-2 SULFATE	Sodium Laureth2 Sulfate	3088311	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-3 CARBOXYLATE	Sodium Laureth3 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-3 SULFATE	SODIUM LAURETH3 SULFATE	13150000	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-4 CARBOXYLATE	Sodium Laureth4 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-4 PHOSPHATE	Sodium Laureth4 Phosphate	42612522	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-40 SULFATE	Sodium Laureth40 Sulfate	9004824	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-5 CARBOXYLATE	Sodium Laureth5 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-5 SULFATE	Sodium Laureth5 Sulfate	9004824	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-6 CARBOXYLATE	Sodium Laureth6 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-7 SULFATE	Sodium Laureth7 Sulfate	9004824	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-7 TARTRATE	Sodium Laureth7 Tartrate	141250422	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM LAURETH-8 CARBOXYLATE	Sodium Laureth8 Carboxylate	33939649	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-8 SUFLATE	Sodium Laureth8 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURETH-8 SULFATE	Sodium Laureth8 Sulfate	9004824	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM LAURIMINODIPROPIONATE	Sodium laurimino dipropionate	14960066	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM LAURIMINODIPROPIONATE	Sodium laurimino dipropionate	14960066	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM LAURIMINODIPROPIONATE	SODIUM LAURIMINODIPROPIONATE	26256-79-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05% in rinseoff products.	
SODIUM LAUROYL GLUTAMATE	Sodium lauroyl glutamate	29923317	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM LAUROYL SARCOSINATE	Sodium Nlauroylsarcosinate	137166	This ingredient is not allowed in spray and aerosol products.	
SODIUM LAUROYL SARCOSINATE	Sodium Nlauroylsarcosinate	137166	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM LAURYL SULFATE	Sodium dodecyl sulphate	151213	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM LAURYL SULFATE	Sodium dodecyl sulphate	151213	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM LAURYL SULFOACETATE	SODIUM LAURYL SULFOACETATE	1847581	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM LAURYL SULFOACETATE	SODIUM LAURYL SULFOACETATE	1847581	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM MAGNESIUM SILICATE	SODIUM MAGNESIUM SILICATE	101659012	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
SODIUM METAPHOSPHATE	SODIUM METAPHOSPHATE	50813166	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM METASILICATE	SODIUM METASILICATE	6834920	Due to hazard concerns for irritation and corrosion this ingredient is limited to 10% in automatic dish and laundry detergent and 5% in other product categories.	
SODIUM METHYL OLEYL TAURATE	SODIUM METHYL OLEYL TAURATE	137202	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM METHYL OLEYL TAURATE	SODIUM METHYL OLEYL TAURATE	137202	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM MYRISTOYL SARCOSINATE	Sodium myristol sarcosinate	30364513	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM MYRISTOYL SARCOSINATE	Sodium myristol sarcosinate	30364513	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Sodium n-Octyl Sulfate	Sodium octyl sulphate	142314	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sodium n-Octyl Sulfate	Sodium octyl sulphate	142314	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynoll Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-1 SULFATE	Sodium NonoxynollO Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol25 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol3 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol4 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol6 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol8 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-10 SULFATE	Sodium Nonoxynol10 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-25 SULFATE	Sodium Nonoxynol25 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-3 SULFATE	Sodium Nonoxynol3 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-4 SULFATE	Sodium Nonoxynol4 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-6 PHOSPHATE	Sodium Nonoxynol6 Phosphate	12068198	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-6 SULFATE	Sodium Nonoxynol6 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-8 SULFATE	Sodium Nonoxynol8 Sulfate	9014908	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM NONOXYNOL-9 PHOSPHATE	Sodium Nonoxynol9 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM O-PHENYLPHENATE	SODIUMOPHENYLPHENATE	132-27-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.15% in rinseoff products (not applied to mucosa).	
SODIUM OCTOXYNOL-2 ETHANE SULFONATE	SODIUM OCTOXYNOL2 ETHANE SULFONATE	2917944	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-2 ETHANE SULFONATE	SODIUM OCTOXYNOL2 ETHANE SULFONATE	2917944	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-2 SULFATE	SODIUM OCTOXYNOL2 SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM OCTOXYNOL-2 SULFATE	SODIUM OCTOXYNOL2 SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-6 SULFATE	SODIUM OCTOXYNOL6 SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-6 SULFATE	SODIUM OCTOXYNOL6 SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leaveon products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-9 SULFATE	SODIUM OCTOXYNOL9 SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OCTOXYNOL-9 SULFATE	SODIUM OCTOXYNOL9 SULFATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4dioxane. The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OLETH SULFATE	SODIUM OLETH SULFATE	27233347	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OLETH-2 SULFATE	Sodium Oleth2 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OLETH-7 PHOSPHATE	Sodium Oleth7 Phosphate	57486-09-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM OLETH-8 PHOSPHATE	Sodium Oleth8 Phosphate	57486-09-6	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-3 LAURAMIDE CARBOXYLATE	Sodium Peg3 Lauramide Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-4 COCAMIDE SULFATE	Sodium Peg4 Cocamide Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-4 LAURAMIDE CARBOXYLATE	Sodium Peg4 Lauramide Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-4 LAURAMIDE SULFATE	Sodium Peg4 Lauramide Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-4 TRIDECYL ETHER SULFATE	Sodium Peg4 Tridecyl Ether Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Sodium Peg50 Hydrogenated Castor Oil Succinate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM PEG-6 COCAMIDE CARBOXYLATE	Sodium Peg6 Cocamide Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-7 OLIVE OIL CARBOXYLATE	Sodium Peg7 Olive Oil Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-8 COCAMIDE CARBOXYLATE	Sodium Peg8 Cocamide Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM PEG-8 PALM GLYCERIDES CARBOXYLATE	Sodium Peg8 Palm Glycerides Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM POLYACRYLATE	SODIUM POLYACRYLATE	9003-04-7	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM POLYASPARTATE	SODIUM POLYASPARTATE	94525016	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM POLYMETHACRYLATE	SODIUM POLYMETHACRYLAT E	54193-36-1	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SODIUM PROPIONATE	SODIUM PROPIONATE	137406	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM SALT ETHYLENEDIAMINE DISUCCINATE	Trisodium Ethylenediamine Disuccinate	20846917	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM SESQUICARBONATE	SODIUM SESQUICARBONATE	533960	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM SILICATE	SODIUM SILICATE	1344098	Limited to 5% in laundry and dish detergent and 1% in other products due to classification 'causes severe skin burns and eye damage' (GHS H314).	
SODIUM SILICATE	SODIUM SILICATE	15859242; 1344098	Due to hazard concerns for irritation and corrosion, this substance must have a molar ratio of ≥ 2.0 for auto laundry and dish and ≥ 2.4 for all other product categories. This substance is limited to a maximum concentration of 10%.	x
SODIUM STYRENE/ PEG-10 MALEATE/ NONOXYNOL-10 MALEATE/ ACRYLATES COPOLYMER	Sodium Styrene/ Peg10 Maleate/ Nonoxynol10 Maleate/ Acrylates Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM STYRENE/ACRYLATES/PEG-10 DIMALEATE COPOLYMER	Sodium Styrene/acrylates/peg 10 Dimaleate Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM STYRENE/PEG-10 MALEATE/NONOXYNOL-10 MALEATE/ACRYLATE COPOL	Sodium Styrene/peg10 Maleate/nonoxynol10 Maleate/acrylate Copol		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM SULFITE	Sodium sulphite	7757837	Limited to 2% due to allergen concerns and sulfite sensitivities among individuals with asthma.	
SODIUM THIOGLYCOLATE	SODIUM THIOGLYCOLATE	367511	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
SODIUM THIOSULFATE	SODIUM THIOSULFATE	7772987	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM THIOSULFATE	SODIUM THIOSULFATE	7772987	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SODIUM TOLUENESULFONATE	sodium toluene sulfonate	12068030	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM TRIDECETH SULFATE	Sodium Trideceth Sulfate	25446780	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-12 CARBOXYLATE	Sodium Trideceth12 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-15 CARBOXYLATE	Sodium Trideceth15 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-19 CARBOXYLATE	Sodium Trideceth19 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-3 CARBOXYLATE	Sodium Trideceth3 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-3 SULFATE	Sodium Trideceth3 Sulfate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-4 CARBOXYLATE	Sodium Trideceth4 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-6 CARBOXYLATE	Sodium Trideceth6 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth12 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth15 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth19 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth3 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth4 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth6 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth7 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth8 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM TRIDECETH-8 CARBOXYLATE	Sodium Trideceth8 Carboxylate	61757593	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SODIUM TRIDECYLBENZENESULFONATE	Sodium tridecylbenzene sulfonate	26248248	This ingredient is nonaerobically degradable therefore it's use should be limited and according to data from REACH registration and CLP notification, chemicals in this family group can cause severe skin burns and eye damage. Sum usage limited to 5% in laundry and dish detergent. Prohibited in other categories.	
SODIUM TRIMETAPHOSPHATE	Sodium trimetaphosphate	7785-84-4	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM UNDECETH-5 CARBOXYLATE	Sodium Undeceth5 Carboxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM XYLENE SULFONATE	Sodium Xylene Sulfonate	1300727	This ingredient is nonaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
SODIUM/MEA LAURETH-2 SULFOSUCCINATE	SODIUM/MEA LAURETH2 SULFOSUCCINATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SODIUM/MEA-PEG-3 COCAMIDE SULFATE	SODIUM/MEAPEG3 COCAMIDE SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Solvent Green 3 (Uncertified D&C Green No. 6)	Color additives subject to batch certification	128-80-3	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Green 7 (Uncertified D&C Green No. 8)	D&C Green No. 8	6358696		
Solvent Green 7 (Uncertified D&C Green No. 8)	Color additives subject to batch certification	6358-69-6	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Green 7 (Uncertified D&C Green No. 8)	D&C Green No. 8	6358-69-6	The FDA requires this ingredients be used at less than 0.01%	
Solvent Red 23 (Uncertified D&C Red No. 17)	Color additives subject to batch certification	85-86-9	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Red 23 (Uncertified D&C Red No. 17)	D&C Red No. 17	85-86-9	This substance may not contain detectable levels of paraphenylenediamine (PPD; pphenylenediamine).	
Solvent Red 48 or Acid Red 92 (Uncertified D&C Red No. 27 or D&C Red No. 28)	Color additives subject to batch certification	18472-87-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Red 72 (Uncertified D&C Orange No. 5)	Color additives subject to batch certification	596-03-2	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Red 73 or Acid Red 95 (Uncertified D&C Orange No. 10 or 11)	Color additives subject to batch certification	38577-97-8	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Violet 13 (Uncertified D&C Violet No. 2)	Color additives subject to batch certification	81-48-1	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Solvent Violet 13 (Uncertified D&C Violet No. 2)	D&C Violet No. 2	81-48-1	This substance must contain <0.05% ptoluidine and <0.02% lhydroxy9.10anthraquinone.	
Solvent Yellow 33 (Uncertified D&C Yellow No. 11)	D&C Yellow No. 11	1325377	Use limited to 0.10% due to classification as 'may cause and allergic skin reaction' (GHS H317).	
Solvent Yellow 33 (Uncertified D&C Yellow No. 11)	Color additives subject to batch certification	8003-22-3	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
SORBETH-6 HEXASTEARATE	Sorbeth6 Hexastearate	66828204	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SORBIC ACID	Hexa,2,4dienoic acid	110441	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SORBITAN PALMITATE	SORBITAN MONOPALMITATE	26266579	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SORBITAN TRIOLEATE	SORBITAN TRIOLEATE	26266580	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
soy methyl ester ethoxylate	soy methyl ester ethoxylate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
SOYBEAN OIL PEG-36 ESTERS	Soybean Oil Peg36 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SOYBEAN OIL, ETHOXYLATED	Soybean oil, ethoxylated	61791239	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SPHACELARIA SCOPARIA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SPIRULINA (ALGAE)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SPIRULINA MAXIMA (ALGAE)	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SPIRULINA MAXIMA (ALGAE) EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SPRUCE OIL	Spruce oil, Black	8008808	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
STARCH/ ACRYLATES/ ACRYLAMIDE COPOLYMER	STARCH/ ACRYLATES/ ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
STEARKONIAM CHLORIDE	STEARKONIAM CHLORIDE	122190	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
STEARKONIAM DIMETHICONE PEG-8 PHTHALATE	Stearalkonium Dimethicone Peg8 Phthalate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE	Stearaldimonium Hydroxypropyl Panthenyl Peg7 Dimethicone Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	Stearaldimonium Hydroxypropyl Panthenyl Peg7 Dimethicone Phosphate Chloride	220714772	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	220714-77-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
STEARDIMONIUM HYDROXYPROPYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	Stearaldimonium Hydroxypropyl Peg7 Dimethicone Phosphate Chloride	220714636	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-10	STEARETH10		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
STEARETH-10 ALLYL ETHER/ACRYLATES COPOLYMER	STEARETH-10 ALLYL ETHER/ACRYLATES COPOLYMER	109292-17-3	These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
STEARETH-100	STEARETH100	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-100/PEG-136/HDI COPOLYMER	Steareth100/peg136/hdi Copolymer	103777691	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-16	STEARETH16	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-2	STEARETH2	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-20	STEARETH20	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-21	STEARETH21	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETH-4	STEARETH4	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARETHS-(2-100)	Steareths(2100)	9005009	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
STEARIC ACID	STEARIC ACID	57114	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
STEAROXYDIMETHICONE	STEAROXYDIMETHICONE	68554-53-0	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
STEAROXYMETHICONE/ DIMETHICONE COPOLYMER	STEAROXYMETHICONE/ DIMETHICONE COPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
STEARYL DIMETHICONE	STEARYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
STEARYL GLYCERYL RHEINATE	STEARYL GLYCERYL RHEINATE	13832-70-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals.	
STEARYL HDI/PEG-50 COPOLYMER	Stearyl Hdi/peg50 Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
STEARYL METHICONE	STEARYL METHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
STEARYL/LAURYL METHACRYLATE CROSS POLYMER	STEARYL/LAURYL METHACRYLATE CROSS POLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
STORAX	Styrax extract	8046193	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
STRONTIUM PEROXIDE	Strontium peroxide	1314187	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot be used on a person under 18 years of age. For products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only. For rinseoff hair products, the concentration cannot exceed 4.5% (as strontium), and is permitted for professional use only.	
STRONTIUM PEROXIDE	Strontium peroxide	1314187	The European Commission restricts this ingredient to a maximum concentration of 4.5% (as strontium) in rinseoff hair products. Additionally, all products must meet the hydrogen peroxide release requirements.	
STRONTIUM THIOGLYCOLATE	STRONTIUM THIOGLYCOLATE	38337950	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
STYRAX TONKINENSIS RESIN EXTRACT	Benzoin gum, Siam	9000720	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
STYRAX TONKINENSIS RESIN EXTRACT	Styrax extract	8046193	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Styrene/Acrylamide Copolymer	STYRENE/ACRYLAMIDE COPOLYMER	24981133	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leaveon products and 0.5 mg/kg for all other products.	
Styrene/Acrylates/Ammonium Methacrylate Copolymer	Styrene/Acrylates/Ammonium Methacrylate Copolymer		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
SUBTILISIN	subtilisin	9014011	Enzymes are respiratory sensitizers and not allowed in spray products and must be in liquid form or encapsulated low dust solid form (minimum mean diameter 0.15mm) for other product categories.	
SUCCINIC ACID	SUCCINIC ACID	110-15-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% in leaveon products (up to 26% in rinseoff products).	
Sulfonic acids, C10-18-alkane, sodium salts	Sulfonic acids, C10-18alkane, sodium salts	68037490	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sulfonic acids, C10-18-alkane, sodium salts	Sulfonic acids, C10-18alkane, sodium salts	68037490	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
Sulfonic acids, C13-17-sec-alkane, sodium salts	Secondary Alkane Sulfonate	85711699	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sulfonic acids, C13-17-sec-alkane, sodium salts	Secondary Alkane Sulfonate	85711699	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Sulfonic acids, C14-17-sec-alkane, sodium salts	SODIUM C1417 ALKYL SEC SULFONATE	97489151	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
Sulfonic acids, C14-17-sec-alkane, sodium salts	Sulfonic acids, C1417secalkane, sodium salts	97489151	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Sulfonic acids, petroleum, sodium salts	68608264	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SULFONIC ACIDS, PETROLEUM, SODIUM SALTS	Sulfonic acids, petroleum, sodium salts	68608264	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Sulfuric acid alkyl esters (C12-18), sodium salts	Sulfuric acid, monoC1218alkyl esters, sodium salts	68955191	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sulfuric acid alkyl esters (C12-18), sodium salts	Sulfuric acid, monoC1218alkyl esters, sodium salts	68955191	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
Sulfuric acid, mono-C14-18-alkyl esters, sodium salts	Sulfuric acid, monoC1418alkyl esters, sodium salts	68081981	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
Sulfuric acid, mono-C14-18-alkyl esters, sodium salts	Sulfuric acid, monoC1418alkyl esters, sodium salts	68081981	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
SULPHAMIDIC ACID	Sulphamic Acid	5329146	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
SUNFLOWER SEED OIL PEG-32 ESTERS	Sunflower Seed Oil Peg32 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SUNFLOWER SEED OIL PEG-8 ESTERS	Sunflower Seed Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Sunset Yellow (Uncertified FD&C Yellow No. 6)	Color additives subject to batch certification	2783-94-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Sunset Yellow (Uncertified FD&C Yellow No. 6)	FD&C YELLOW NO. 6	2783-94-0	This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine.	
Sunset Yellow (Uncertified FD&C Yellow No. 6) Lake	Color additives subject to batch certification	2783-94-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
Sunset Yellow (Uncertified FD&C Yellow No. 6) Lake	FD&C YELLOW NO. 6	2783-94-0	This substance must contain <2ppm lead, <1ppm cadmium, <1 ppb combined (free+bound) benzidine.	
SWEET ALMOND OIL PEG-8 ESTERS	Sweet Almond Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SYNECHOCOCCUS ELONGATUS/ALGAE FERMENT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
SYNTANOL DS 6	Syntanol Ds 6	85422-93-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
SYNTHETIC WAX	SYNTHETIC WAX	8002742	The total concentration of persistent ingredients cannot exceed 2%.	
TAGETES MINUTA (MUSTER JOHN HENRY) OIL	Tagetes minuta absolute	8016840	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TAGETES MINUTA (MUSTER JOHN HENRY) OIL	Tagetes minuta flower extract; Tagetes minuta flower oil	91770-75-1	The European Union restricts this ingredient to 0.01% in leave-on products and 0.01% in rinse-off products. Additionally, the Alpha terthienyl (terthiophen) content in the extract/oil ≤ 0,35 %. In case of combined use with Tagetes patula the total combined content of Tagetes in ready for use preparation shall not exceed the maximum concentration of 0.01% in leave-on products and 0.01% in rinse-off products. This substance is prohibited in sunscreen products.	x
TAGETES MINUTA FLOWER EXTRACT	Tagetes minuta absolute	8016840	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TAGETES MINUTA FLOWER EXTRACT	Tagetes minuta flower extract; Tagetes minuta flower oil	91770-75-1	The European Union restricts this ingredient to 0.01% in leave-on products and 0.01% in rinse-off products. Additionally, the Alpha terthienyl (terthiophen) content in the extract/oil ≤ 0,35 %. In case of combined use with Tagetes patula the total combined content of Tagetes in ready for use preparation shall not exceed the maximum concentration of 0.01% in leave-on products and 0.01% in rinse-off products. This substance is prohibited in sunscreen products.	x
TAGETES MINUTA FLOWER OIL	Tagetes minuta absolute	8016840	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TAGETES MINUTA FLOWER OIL	Tagetes minuta flower extract; Tagetes minuta flower oil	91770-75-1	The European Union restricts this ingredient to 0.01% in leave-on products and 0.01% in rinse-off products. Additionally, the Alpha terthienyl (terthiophen) content in the extract/oil ≤ 0,35 %. In case of combined use with Tagetes patula the total combined content of Tagetes in ready for use preparation shall not exceed the maximum concentration of 0.01% in leave-on products and 0.01% in rinse-off products. This substance is prohibited in sunscreen products.	x
TAGETES OIL	Tagetes erecta oil	8016840	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TAGETES PATULA FLOWER EXTRACT	Tagetes patula absolute	91722291	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TAGETES PATULA FLOWER EXTRACT	Tagetes patula flower extract; Tagetes patula flower oil	91722-29-1	The European Union restricts this ingredient to 0.01% in leave-on products and 0.01% in rinse-off products. Additionally, the Alpha terthienyl (terthiophen) content in the extract/oil ≤ 0,35 %. In case of combined use with Tagetes minuta the total combined content of Tagetes in ready for use preparation shall not exceed the maximum concentration of 0.01% in leave-on products and 0.01% in rinse-off products. This substance is prohibited in sunscreen products.	x
TAGETES PATULA FLOWER OIL	Tagetes patula absolute	91722291	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TAGETES PATULA FLOWER OIL	Tagetes patula flower extract; Tagetes patula flower oil	91722-29-1	The European Union restricts this ingredient to 0.01% in leave-on products and 0.01% in rinse-off products. Additionally, the Alpha terthienyl (terthiophen) content in the extract/oil ≤ 0,35 %. In case of combined use with Tagetes minuta the total combined content of Tagetes in ready for use preparation shall not exceed the maximum concentration of 0.01% in leave-on products and 0.01% in rinse-off products. This substance is prohibited in sunscreen products.	x
TALLOWALKONIUM CHLORIDE	TALLOWALKONIUM CHLORIDE	61789751	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinseoff hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	
TALLOWETH-18	TALLOWETH18	61791284	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Tangerine oil terpenes	Tangerine oil terpenes	68608388	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TANSY OIL	Tansy oil	8016873	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TARTARIC ACID	Tartaric acid	133379	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TARTARIC ACID	Tartaric acid	87694	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TARTARIC ACID	Tartaric acid	87694	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TARTARIC ACID, L-	Tartaric acid	87694	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TARTARIC ACID, L-	Tartaric acid	87694	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TAURINE	TAURINE	107357	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TEA PEG 3 COCAMIDE SULFATE	TEA PEG 3 COCAMIDE SULFATE	73246943	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TEA-DIMETHICONE PEG-7 PHOSPHATE	TEADIMETHICONE PEG7 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TEA-LAURETH SULFATE	TEALaureth Sulfate	27028826	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TEA-LAURETH-4 PHOSPHATE	TEALAURETH4 PHOSPHATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	TEAPEG50 HYDROGENATED CASTOR OIL SUCCINATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TERGITOL MIN-FOAM 1X	Tergitol MinFoam 1x	103331-86-8	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TERPENES AND TERPENOIDS	TERPENES AND TERPENOIDS	65996987	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Terpenes and terpenoids, grapefruit-oil	Grapefruit oil terpenes	68917328	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Terpenes and terpenoids, mint, mentha arvensis piperascens-oil	Mentha arvensis oil, terpenes	68608355	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Terpenes and terpenoids, mixed sour and sweet orange oil	Terpenes and terpenoids, mixed sour and sweet orange oil	68917577	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
terpenes and terpenoids, sweet orange-oil	Orange oil, sweet terpenes	68647723	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINEN-4-OL	3Cyclohexenol, 4methyl(1methyl ethyl)	562743	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINEOL	ALPHATERPINEOL	100482561; 98555	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINEOL	TERPINEOL (mixture of isomers)	8000417	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINEOL	TERPINEOL (mixture of isomers)	8000417	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of terpineol (mixture of isomers) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
TERPINEOL	ALPHATERPINEOL	8000-41-7	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of alphaterpineol be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
TERPINEOL, ALPHA-	ALPHATERPINEOL	100482561; 98555	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINOLENE	TERPINOLENE	586629	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TERPINOLENE	TERPINOLENE	586629	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of terpinolene be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TETRADECYLHEPTAETHOXYLATE	Tetradecylheptaethoxylate	40036-79-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TETRAHYDROLINALOOL	TETRAHYDROLINALOOL	78693	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	54464572; 54464594; 68155668; 68155679	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES	54464-57-2	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of tetramethyl acetyloctahydronaphthalenes be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
TETRASELMIS CHUI EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
TETRASODIUM IMINODISUCCINATE	TETRASODIUM IMINODISUCCINATE	144538830	This ingredient is nonanaerobically degradable therefore it's use should be limited. Sum usage limited to 5%.	
THIANTHOL	Thianthol	135-58-0	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.8% in rinseoff products (not applied to mucosa).	
THIOGLYCOLIC ACID	thioglycolic acid	68111	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinseoff products.	
THIRAM	Thiram	137-26-8	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in rinseoff products.	
THUJA OCCIDENTALIS (ARBORVITAE) LEAF OIL	Cedar leaf oil	8007203	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Thuja oil (thuya orientalis)	Cedar leaf oil, China	91770831	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
THYMOL	thymol	89-83-8	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinseoff products (not applied to mucosa).	
THYMUS VULGARIS (COMMON THYME)	THYMUS VULGARIS (COMMON THYME)		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
THYMUS VULGARIS (COMMON THYME) LEAF EXTRACT	THYMUS VULGARIS (COMMON THYME) LEAF EXTRACT		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
THYMUS VULGARIS (COMMON THYME) OIL	Thyme absolute	8007463	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
THYMUS VULGARIS (COMMON THYME) OIL	Thyme oil, red	8007463	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
THYMUS VULGARIS (COMMON THYME) OIL	Thyme oil, white	8007463	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
THYMUS VULGARIS (COMMON THYME) OIL	Thymus vulgaris (common thyme) oil	8007463	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
THYMUS VULGARIS (THYME) EXTRACT	THYMUS VULGARIS (COMMON THYME) EXTRACT	84929511	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
THYMUS VULGARIS (THYME) LEAF	THYMUS VULGARIS (THYME) LEAF		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
THYMUS VULGARIS LEAF WATER	THYMUS VULGARIS LEAF WATER		The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
TIPA-LAURETH SULFATE	TIPALAURETH SULFATE		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TITANIUM DIOXIDE	Titanium dioxide	13463677	This ingredient is not allowed in spray and aerosol products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TITANIUM DIOXIDE	TITANIUM DIOXIDE	13463-67-7	Per the U.S. FDA, titanium dioxide shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Antimony (as Sb), not more than 2 parts per million. Mercury (as Hg), not more than 1 part per million. Loss on ignition at 800 °C. (after drying for 3 hours at 105 °C.), not more than 0.5 percent. Water soluble substances, not more than 0.3 percent. Acid soluble substances, not more than 0.5 percent. TiO ₂ , not less than 99.0 percent after drying for 3 hours at 105 °C. Lead, arsenic, and antimony shall be determined in the solution obtained by boiling 10 grams of the titanium dioxide for 15 minutes in 50 milliliters of 0.5N hydrochloric acid.	x
TITANIUM DIOXIDE (sunscreen grade)	TITANIUM DIOXIDE (sunscreen grade)	13463-67-7	Per the U.S. FDA, titanium dioxide shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Antimony (as Sb), not more than 2 parts per million. Mercury (as Hg), not more than 1 part per million. Loss on ignition at 800 °C. (after drying for 3 hours at 105 °C.), not more than 0.5 percent. Water soluble substances, not more than 0.3 percent. Acid soluble substances, not more than 0.5 percent. TiO ₂ , not less than 99.0 percent after drying for 3 hours at 105 °C. Lead, arsenic, and antimony shall be determined in the solution obtained by boiling 10 grams of the titanium dioxide for 15 minutes in 50 milliliters of 0.5N hydrochloric acid.	x
TITANIUM/TITANIUM DIOXIDE	TITANIUM/TITANIUM DIOXIDE		Per the U.S. FDA, titanium dioxide shall conform to the following specifications: Lead (as Pb), not more than 10 parts per million. Arsenic (as As), not more than 1 part per million. Antimony (as Sb), not more than 2 parts per million. Mercury (as Hg), not more than 1 part per million. Loss on ignition at 800 °C. (after drying for 3 hours at 105 °C.), not more than 0.5 percent. Water soluble substances, not more than 0.3 percent. Acid soluble substances, not more than 0.5 percent. TiO ₂ , not less than 99.0 percent after drying for 3 hours at 105 °C. Lead, arsenic, and antimony shall be determined in the solution obtained by boiling 10 grams of the titanium dioxide for 15 minutes in 50 milliliters of 0.5N hydrochloric acid.	x
TMP LAURYL DIMETHICONE	TMP LAURYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TOCOPHEROL	TOCOPHEROL	10191-41-0	This ingredient should not contain detectable levels of hydroquinone.	
TOCOPHERYL ACETATE	TOCOPHERYL ACETATE	58957	This ingredient should not contain detectable levels of hydroquinone.	
TOLUALDEHYDE ISOMERS	o,m,pTolualdehydes and their mixtures	529204; 620235; 104870; 1334787	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
TOLUENE	toluene	108883	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: benzene	
TONALIDE	TONALIDE	1506021	The European Commission restricts this ingredient to a maximum concentration of 0.1% in nonoral leaveon products, 1% in hydroalcoholic products, 2.5% in fine fragrance, 0.5% in fragrance cream, and 0.2% in rinseoff products.	
trans-2-HEXENAL	TRANS2HEXENAL	6728263	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
trans-2-HEXENOL	transhex2en1ol	928950	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
trans-ANETHOLE	TRANSANETHOLE	4180238	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
trans-ANETHOLE	TRANSANETHOLE	4180238	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of transAnethole be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
trans-CINNAMONITRILE	Cinnamyl nitrile	1885387; 4360478	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.13% in household cleaning products.	
trans-ROSE KETONE-1	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
trans-ROSE KETONE-2	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
trans-ROSE KETONE-3	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
trans-ROSE KETONE-3	transtransdeltaDAMA SCONE	71048823	Limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
trans-ROSE KETONE-5	Rose ketones	23696857; 23726934; 43052875; 24720090; 23726945; 23726923; 23726912; 57378684; 71048823; 39872576; 70266487; 33673711; 35087491; 35044689	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in household cleaning products.	
trans-ROSE KETONE-5	transROSE KETONES	39872576	Limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TREEMOSS CONCRETE	Treemoss absolute	68648419	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TREEMOSS CONCRETE	Treemoss Extracts	90028674; 68648419; 68917408	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in household cleaning products.	
TREEMOSS CONCRETE	Treemoss Extracts	90028674; 68648419; 68917408	Tree moss extracts shall not contain more than 0.8% of dehydroabietic acid (DHA) as a marker of 2% of total resin acids. The concentration of DHA (about 40% of the total resin acids) in tree moss can be measured with an HPLC Reverse Phase spectrofluorometry method. Further, levels of atranol and chloroatranol should each be below 100ppm in tree moss extracts.	
TREEMOSS CONCRETE	Treemoss resinoid	68648419	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TRIBEHENIN PEG-20 ESTERS	Tribehenin Peg20 Esters	220207103	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIBUTYL CITRATE	TRIBUTYL CITRATE	77941	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRICETEARETH 4 PHOSPHATE	Triceteareth 4 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRICETETH-5 PHOSPHATE	Triceteth5 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRICLOCARBAN	Triclocarban	101202	The European Commission restricts this ingredient to a maximum concentration of 1.5% in rinse-off products (with the purity criteria of less than or equal to 1 ppm of both 3,3',4,4'Tetrachloroazobenzene and 3,3',4,4'Tetrachloroazoxybenzene). For purposes other than inhibiting the development of microorganisms in the product, this purpose has to be apparent on the product label.	
TRIDECETH-10	TRIDECETH10	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-10 PHOSPHATE	Trideceth10 Phosphate	9046019	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-10 PHOSPHATE	Trideceth6 Phosphate	9046019	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-11	TRIDECETH11	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-12	TRIDECETH12	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-15	TRIDECETH15	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TRIDECETH-15 CARBOXYLIC ACID	Trideceth15 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-15 TRIDECYL ETHER CARBOXYLIC ACID	Trideceth15 Tridecyl Ether Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-18	TRIDECETH18	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-19 CARBOXYLIC ACID	Trideceth19 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-2	TRIDECETH2	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-2 CARBOXAMIDE MEA	TRIDECETH2 CARBOXAMIDE MEA		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-20	TRIDECETH20	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-21	TRIDECETH21	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-3	TRIDECETH3	4403127	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-3 CARBOXYLIC ACID	Trideceth3 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-3 PHOSPHATE	Trideceth3 Phosphate	848592745	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-4	Poly(oxy1,2ethanediyl), .alpha.tridecyl.omega. hydroxy, branched	69011365	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TRIDECETH-4	Poly(oxy1,2ethanediyl), .alpha.tridecyl.omega. hydroxy, branched	69011365	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-4	Poly(oxy1,2ethanediyl), .alpha.tridecyl.omega. hydroxy, branched	69011365	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRIDECETH-4	Poly(oxy1,2ethanediyl), alphatridecylomegahydroxy, branched	69011365	Maximum concentration 10% except in laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TRIDECETH-4	Poly(oxy1,2ethanediyl), alphatridecylomegahydroxy, branched	69011365	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-4	Poly(oxy1,2ethanediyl), alphatridecylomegahydroxy, branched	69011365	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRIDECETH-4	TRIDECETH4	69011365	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-4 CARBOXYLIC ACID	Trideceth4 Carboxylic Acid	127174974	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TRIDECETH-5	TRIDECETH5	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-50	TRIDECETH50	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-6	TRIDECETH6	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-6 PHOSPHATE	Trideceth6 Phosphate	9046019	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-7	TRIDECETH7	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-7 CARBOXYLIC ACID	Trideceth7 Carboxylic Acid	56388966	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-8	TRIDECETH8	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-8 CARBOXYLIC ACID	Trideceth8 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH10	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH11	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH12	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH15	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH18	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH2	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH20	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH21	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH5	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH50	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TRIDECETH-9	TRIDECETH6	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH7	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	TRIDECETH8	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	Trideceth9	24938918	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9	Trideceth9	24938918	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRIDECETH-9 PG-AMODIMETHICONE	Trideceth9 PgAmodimethicone		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECETH-9 PG-AMODIMETHICONE	TRIDECETH-9 PG-AMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIDECETH-9/ PEG-5 OCTANOATE	Trideceth9/ Peg5 Octanoate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDECYL ALCOHOL	Tridecanol (C13)	112709	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TRIDECYL ALCOHOL	Tridecanol (C13)	112709	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRIDECYLHEXAETHOXYLATE	Tridecylhexaethoxylate	354035	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIDEMORPH	TRIDEMORPH	24602-86-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
TRIETHANOLAMINE LAURYL SULFATE	Sulfuric acid, monododecyl ester, compd. w/2,2',2nitrioltriethanol (1:1)	139968	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
TRIETHANOLAMINE LAURYL SULFATE	Sulfuric acid, monododecyl ester, compd. w/2,2',2nitrioltriethanol (1:1)	139968	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	
TRIETHOXSILYLETHYL POLYDIMETHYLSILOXYETHYL DIMETHICONE	TRIETHOXSILYLETHYL POLYDIMETHYLSILOXYETHYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIETHOXSILYLETHYL POLYDIMETHYLSILOXYETHYL HEXYL DIMETHICONE	TRIETHOXSILYLETHYL POLYDIMETHYLSILOXYETHYL HEXYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIETHYL CITRATE	TRIETHYL CITRATE	77930	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TRIFLUOROMETHYL C1-4 ALKYL DIMETHICONE	TRIFLUOROMETHYL C1-4 ALKYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TRIFLUOROPROPYL DIMETHICONE/PEG-10 CROSSPOLYMER	Trifluoropropyl Dimethicone/peg10 Crosspolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRISOSTEARIN PEG-6 ESTERS	Triisostearin Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRILAURETH-4 PHOSPHATE	Trilaureth4 Phosphate	31800905	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRILAURETH-9 CITRATE	Trilaureth9 Citrate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIMETHICONE	TRIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIMETHYLATED SILICA/ DIMETHICONE	TRIMETHYLATED SILICA/ DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIMETHYLOLETHANE-BENZOIC ACID-PHTHALIC ANHYDRIDE RESIN	TrimethylolethaneBenzoic AcidPhthalic Anhydride Resin		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIMETHYLSILOXYAMODIMETHICONE	TRIMETHYLSILOXYAMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIMETHYLSILOXYPHENYL DIMETHICONE	TRIMETHYLSILOXYPHENYL DIMETHICONE	73138-88-2	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIMETHYLSILOXYSILICATE/DIMETHICONE CROSSPOLYMER	TRIMETHYLSILOXYSILICATE/DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIMETHYLSILYLAMODIMETHICONE	TRIMETHYLSILYLAMODIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIOLEIN PEG-6 ESTERS	Triolein Peg6 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIOLETH-8 PHOSPHATE	Trioleth8 Phosphate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
TRIPHENYL TRIMETHICONE	TRIPHENYL TRIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRIPROPYLENE GLYCOL	TRIPROPYLENE GLYCOL	24800440	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
TRISILOXANE	TRISILOXANE	107-51-7	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
TRISODIUM GLYCYRRHIZATE	TRISODIUM GLYCYRRHIZATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
TURPENTINE OIL	TURPENTINE (oil)	8006642; 9005907; 8052140	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TURPENTINE OIL	TURPENTINE OIL	8006642	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TURPENTINE OIL	Turpentine oil rectified	8006642	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
TURPENTINE OIL	TURPENTINE (oil)	8006-64-2	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of turpentine (oil) be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
ULTRAMARINES	ULTRAMARINES	1317-97-1	Per the U.S. FDA, the ultramarines shall conform to the following specifications and shall be free from impurities other than those named, to the extent that such other impurities may be avoided by good manufacturing practice. Lead (as Pb), not more than 20 parts per million. Arsenic (as As), not more than 3 parts per million. Mercury (as Hg), not more than 1 part per million.	x
UNDARIA PINNATIFIDA EXTRACT	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
UNDARIA PINNATIFIDA POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
UNDARIA PINNATIFIDA ROOT POWDER	Algae and related substances		Based on a Cosmetic Ingredient Review safety assessment of brown algae derived ingredients, EWG restricts the amount of iodine in the final product to 1 ppm. Additionally, products formulated with this substance must meet international standards for heavy metal concentrations including, cadmium; 3 ppm, lead; 10 ppm, mercury; 1ppm, and arsenic; 3 ppm.	x
UNDECENAL	Undecanal	112447	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
UNDECETH-11	UNDECETH11		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-3	UNDECETH3		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Undeceth-40	UNDECETH40	34398-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-5	UNDECETH5	34398011	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-5	UNDECETH5	34398011	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
UNDECETH-5	UNDECETH5	34398011	Use of all H318 classified ingredients limited to 3% in spray products due to classification 'causes serious eye damage' (GHS H318).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
UNDECETH-5	UNDECETH5	34398-01-1	The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-5 CARBOXYLIC ACID	Undeceth5 Carboxylic Acid		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-7	UNDECETH7		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-8	UNDECETH8		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECETH-9	UNDECETH9		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECYL ALCOHOL	1Undecanol	112425	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
UNDECYL GLUCOSIDE	UndecylDglucoside	98283671	A review of industry studies shows alkyl polyglucosides do not irritate the skin at concentrations below 30 percent. Use limited to 30% in all product categories except laundry and dish detergent.	
UNDECYL GLUCOSIDE	UndecylDglucoside	98283671	Limited to 5% in spray products because some alkyl polyglucosides are classified as causes serious eye damage, but empirical test data identifies a 5% concentration as an irritant threshold.	
UNDECYLCRYLENE DIMETHICONE	UNDECYLCRYLENE DIMETHICONE	948847-35-6	According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
UNDECYLENAL	Undec10enal	112458	Use limited to 1% due to classification 'may cause an allergic skin reaction' (GHS H317 1B).	
UNDECYLENAMIDOPROPYL PEG-2 DIMONIUM UNDECYLENATE	Undecylenamidopropyl Peg2 Dimonium Undecylenate		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
UNDECYLENIC ACID	Undecylenic acid	112389	Use of all H315 classified ingredients limited to 10% in all product categories except laundry and automatic dish detergents due to classification 'causes skin irritation' (GHS H315).	
UNDECYLENOYL PEG 5 PARABEN	Undecylenoyl Peg 5 Paraben		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
VA/BUTYL MALEATE/ISOBORNYL ACRYLATE COPOLYMER	VA/BUTYL MALEATE/ISOBORNYL ACRYLATE COPOLYMER		These substances must not be polymerized in benzene and the summed concentration of residual monomers (acrylic acid, methacrylic acid and their simple esters) are restricted to 100 ppm in this substance based on recommendations by the CIR panel that manufacturers minimize residual monomer content in Acrylates Copolymers. Additionally, the CIR panel concluded these substances are safe as used when formulated to be non-irritating.	x
VA/CROTONIC ACID/PEG-20M COPOLYMER	Va/crotonic Acid/peg20m Copolymer		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
VALERIANA OFFICINALIS (VALERIAN) ROOT	Valerian root oil	8008886	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VALERIC ACID, 4-AMINO-5-(1,3-DIOXO-2-ISOINDOLINYL)-5-OXO-	VALERIC ACID, 4-AMINO-5-(1,3-DIOXO-2-ISOINDOLINYL)-5-OXO-	102584-90-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen	x
VANILLA PLANIFOLIA (VANILLA) FRUIT EXTRACT	Vanilla extract	84650-63-5	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VANILLA PLANIFOLIA (VANILLA) FRUIT EXTRACT	VANILLA PLANIFOLIA BEAN EXTRACT	84650635	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VANILLIN	VANILLIN	121335	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
VANILLIN	VANILLIN	121335	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of vanillin be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
Vat Red 1 (Uncertified D&C Red No. 30)	Color additives subject to batch certification	2379-74-0	Color additives listed in Title 21 of the Code of Federal Regulations, Part 74, Subpart C must be batch certified by the FDA and conform to FDA nomenclature.	
VEGETABLE GLYCERIN	Glycerin	56815	Health Canada requires manufacturers of oral and leaveon products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena absolute	8024122	Established human contact allergen and limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena absolute	8024-12-2	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena absolute (Lippia citriodora Kunth.)	8024122; 85116638	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in household cleaning products.	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena oil	8024-12-2	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
VERBENA (LIPPIA CITRIODORA) OIL	Verbena absolute	8024122	As recommended by the EU Scientific Committee on Consumer Safety for cosmetics, EWG Verified Cleaning products require that the presence of verbena absolute be indicated in the list of ingredients on the product's website when its concentration exceeds 0.001% in liquid hand dishwashing soap and hand laundry detergent and 0.01% in other product categories.	
VERBENA (LIPPIA CITRIODORA) OIL	VERBENA (LIPPIA CITRIODORA) OIL	8024122	The International Fragrance Association restricts methyl eugenol to the following concentration limits in the finished household cleaning products to 0.00087%	
VETIVERIA ZIZANIODES ROOT EXTRACT ACETYLATED	Acetylated Vetiver oil	117986; 62563808; 68917340; 73246976; 84082848	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
VETIVERIA ZIZANIODES ROOT OIL	Vetiver oil	8016964	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Vetiverol acetate, distilled	Acetylated Vetiver oil	117986; 62563808; 68917340; 73246976; 84082848	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
VETIVERYL ACETATE	Acetylated Vetiver oil	117986; 62563808; 68917340; 73246976; 84082848	The International Fragrance Association restricts this ingredient to a maximum concentration of 2.5% in household cleaning products.	
VINEGAR	Vinegar	8028522	Specific concentration limit of 10% acetic acid establish by European commission for hazard classification. Not allowed with hydrogen peroxide.	
VINYL DIMETHICONE	VINYL DIMETHICONE		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
VINYL DIMETHICONE/ METHICONE SILSESQUIOXANE CROSSPOLYMER	VINYL DIMETHICONE/ METHICONE SILSESQUIOXANE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
VINYL DIMETHICONE/LAURYL DIMETHICONE CROSSPOLYMER	VINYL DIMETHICONE/LAURYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
VINYL DIMETHICONE/LAURYL DIMETHICONE CROSSPOLYMER	VINYL DIMETHICONE/LAURYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x
VINYL DIMETHYL/TRIMETHYLSILOXYSILICATE STEARYL DIMETHICONE CROSSPOLYMER	VINYL DIMETHYL/TRIMETHYLSILOXYSILICATE STEARYL DIMETHICONE CROSSPOLYMER		According to the Cosmetic Ingredient Review, cyclic siloxanes, which are banned or restricted ingredients, can contaminate linear siloxanes, therefore the total concentration of D4 (octamethylcyclotetrasiloxane) and D5 (decamethylcyclopentasiloxane) must not exceed 0.01% or 100ppm in the final product.	x

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions	2022 Update
WHEAT GERM OIL PEG-40 BUTYLOCTANOL ESTERS	Wheat Germ Oil Peg40 Butyloctanol Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
WHEAT GERM OIL PEG-8 ESTERS	Wheat Germ Oil Peg8 Esters		The concentration of 1,4 dioxane cannot exceed 10 ppm in the final product. Note: As of Jan 2021, EWG will be implementing a new 1,4dioxane restriction of 1ppm for all EWG VERIFIED products.	
Wormwood oil (Artemisia absinthium l.)	Wormwood oil	8008933	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
Ylang Ylang Oil	Ylang ylang oil	8006813	Use limited to 0.10% due to classification 'may cause an allergic skin reaction' (GHS H317).	
ZINC CITRATE	ZINC CITRATE	546-46-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in rinseoff products and 0.05% in leaveon products.	
ZINC OXIDE	ZINC OXIDE	1314-13-2	Per the U.S. FDA., zinc oxide shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Zinc oxide (as ZnO), not less than 99 percent. Loss on ignition at 800 °C, not more than 1 percent. Cadmium (as Cd), not more than 15 parts per million. Mercury (as Hg), not more than 1 part per million. Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 20 parts per million.	x
ZINC OXIDE (sunscreen grade > 100nm)	zinc oxide	1314-13-2	The European Commission restricts this ingredient to a maximum concentration of 25%. In the case of combined use with Zinc Oxide (nano), the sum shall not exceed the limit of 25%. Additionally, this ingredient may not be used in applications that may lead to exposure of the enduser's lungs by inhalation. Only nanomaterials having the following characteristics are allowed: — purity ≥ 96 %, with wurtzite crystalline structure and physical appearance as clusters that are rodlike, starlike and/or isometric shapes, with impurities consisting only of carbon dioxide and water, whilst any other impurities are less than 1 % in total, — median diameter of the particle number size distribution D50 (50 % of the number below this diameter) > 30 nm and D1 (1 % below this size) > 20 nm, — water solubility < 50 mg/L, —uncoated, or coated with triethoxycaprylsilane, dimethicone, dimethoxydiphenylsilanetriethoxycaprylsilane cross polymer, or octyl triethoxy silane.	
ZINC OXIDE (sunscreen grade > 100nm)	ZINC OXIDE (sunscreen grade > 100nm)	1314-13-2	Per the U.S. FDA., zinc oxide shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Zinc oxide (as ZnO), not less than 99 percent. Loss on ignition at 800 °C, not more than 1 percent. Cadmium (as Cd), not more than 15 parts per million. Mercury (as Hg), not more than 1 part per million. Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 20 parts per million.	x
ZINC OXIDE (sunscreen grade < 100nm)	ZINC OXIDE (sunscreen grade < 100nm)	1314-13-2	Per the U.S. FDA., zinc oxide shall conform to the following specifications and shall be free from impurities other than those named to the extent that such impurities may be avoided by good manufacturing practice: Zinc oxide (as ZnO), not less than 99 percent. Loss on ignition at 800 °C, not more than 1 percent. Cadmium (as Cd), not more than 15 parts per million. Mercury (as Hg), not more than 1 part per million. Arsenic (as As), not more than 3 parts per million. Lead (as Pb), not more than 20 parts per million.	x

