

What is C8?

- ammonium perfluorooctanoate
- fluorocarbon
- surfactant
- used by DuPont since 1950's
- used in production of fluoropolymer resins and finishes such as Teflon

What is the current level of C8 in the Lubeck water?

Less than 1 part per billion (ppb)

Blood levels in workers with no signs of
Toxicity 1,000 to 10,000 ppb

How toxic is C8?

- Not Genotoxic
- Not Developmentally Toxic
- Not a Reproductive Toxicant
- Low Acute Toxicity
- Chronic Toxicity – Enlarged Liver
- Cancer – rodents; mechanism not relevant to humans
- Biopersistent

How does the levels in the Lubeck water compare to toxicity data?

Lubeck water levels are at least

20,000 times less than no effect level in rats

100,000 times less than liver enlargement level in monkeys

How are “safe levels” developed?

No Observable Effect Level typically divided by at least 1,000 up to 10,000 Safety Factor

- animals to humans
- sensitive subpopulations
- chronic lifetime exposure
- other criteria such as biopersistence

What actions have been taken?

Consent Order

- Air emissions capped at 2000 levels
- Plan to reduce total emissions (air and water) by at least 50% by end of 2003 from 1999 levels

What actions are planned and when?

Consent Order

- C8 Assessment of Toxicity Team (CATT)
- Groundwater Investigation Steering Team (GIST)
- Water well use survey

How can you help?

- Water use survey
- Water well testing

Who to contact with status
questions or water well testing?

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