

Sodium Lauryl Sulfate (SLS) and Sodium Laureth Sulfate (SLES)

- Detergents that pose serious health threats.
- Used in **garage floor cleaners and engine degreasers** - and in 90% of personal-care products that foam.
- Animals exposed to SLS experience **eye damage, depression, labored breathing, diarrhea, severe skin irritation, and even death.**
- **Young eyes may not develop properly** if exposed to SLS.
- May **damage the skin's immune system**.
- Can be **transformed into nitrosamines, a potent class of carcinogens**.
- Your body may **retain the SLS for up to five days** and maintain **residual levels in the heart, liver, lungs, and brain**

Propylene Glycol (PG) and Butylene Glycol

- Found in **Anti-freeze**.
- Acts as a "surfactant" (wetting agent and solvent).
- Penetrates skin and **weakens protein and cellular structure.**
- Strong enough to **remove barnacles** from boats!
- The EPA considers PG so toxic that workers are required to wear protective clothing and to dispose of PG by burying it in the ground.
- PG penetrates the skin so quickly, the **EPA warns against contact to prevent brain, liver, and kidney abnormalities.**
- But there isn't even a warning label on products such as **stick deodorants**, where the concentration is greater than in most industrial applications.

Sodium Hydroxide

The most recent addition to our personal care products.

- This is a poison (caustic lye) found in drain cleaners, yet is now found in our children and adult toothpaste!

DEA (diethanolamine) MEA (monoethanolamine) TEA (triethanolamine)

- **Hormone-disrupting chemicals that can form cancer-causing nitrates.**
- **Restricted in Europe due to carcinogenic effects, yet they are still used in the U.S.**
- **Americans may be exposed 10-20 times per day with shampoos, shaving creams and bubble baths.**
- **Dr. Samuel Epstein (Professor of Environmental Health at the University of Illinois) says that repeated applications of DEA-based detergents result in major increase in liver and kidney cancer.**
- **The PDA's John Bailey says, "the risk is significantly increased for children."**

DMDM & Urea (Imidazolidinyl)

- **Two of many preservatives that often release formaldehyde which cause joint pain, skin reactions, allergies, depression, headaches, chest pains, ear infections, chronic fatigue, dizziness, and loss of sleep.**
- **Exposure also irritates the respiratory system; triggers heart palpitations or asthma, and aggravates coughs and colds.**
- **Other side effects include weakening the immune system and cancer.**

Triclosan

- Synthetic "antibacterial" with a chemical structure similar to **Agent Orange!**
- The EPA registers it as a **pesticide**, giving it high scores as a risk to human health and the environment.
- It is in a class of chemicals suspected of **causing cancer in humans.**
- **It may produce dioxin**, a hormone-disrupting chemical with toxic effects measured in the parts per trillion; that is only one drop in 300 Olympic-size swimming pools!
- **Hormone disrupters** pose enormous long-term chronic health risks. It can **change genetic material, decrease fertility and sexual function, and foster birth defects.**
- Internally, it can lead to **cold sweats, circulatory collapse, and convulsions.**
- Stored in body fat, it can accumulate to toxic levels, **damaging the liver, kidneys and lungs, and can cause paralysis, brain hemorrhages and heart problems.** Tufts University School of Medicine says **Triclosan can force the emergence of "super bugs" that it cannot kill.** Its widespread use in **antibacterial cleansers, toothpastes and household products may have nightmarish implications on future generations.**