

<b>CHEMICAL</b>	<b>PURPOSE</b>	<b>NEGATIVE AFFECT</b>
Alcohol, Isopropyl (SD-40)	Preservative	Drying and irritating to skin, toxic if ingested
Benzaldehyde	Synthetic almond fragrance	Highly toxic, can cause allergic reactions
Butylene Glycol	Surfactant (wetting agent)	Toxic, can weaken cellular structure and cause kidney damage
Cinnamyl Anthranilate	Synthetic favoring & fragrance ingredient	Highly carcinogenic banned for food use in 1982 but still found in some skin care products
DEA (diethanolamine)	Creates foam/bubbles	Can form cancer causing nitrates/nitrosamines
DMDM Hydantoin	Preservative	Releases formaldehyde
FD&C Color Pigments	Synthetic Color	Skin irritation, carcinogenic
Formaldehyde	Preservative	Carcinogenic
Glutaraldehyde	Base for waterless soaps	Can cause skin irritation and sensitization, carcinogenic
Imidazolidinyl Urea	Preservative	Can cause skin irritation
MEA (monoethanolamine)	Creates foam/bubbles	Can form cancer causing nitrates/nitrosamines
Mercury (Calomel)	Preservative for eye make-up	Possible inflammation, toxic effects on nervous system over time
Mineral Oil	Lubricant, binder and protective ingredient	Clogs pores, blocks the benefit of other healthy ingredients
Paraben (butyl, methyl & propyl)	Preservatives	Mimics estrogen and causes hormone dysfunction
Polyethylene Glycol (PG)	Surfactant (wetting agent)	Toxic, can weaken cellular structure
Propylene Glycol	Wetting agent, solvent	Toxic, mutagenic (causes harmful changes) to cells
Quaternium -1 through 29	Preservatives, wetting agents, sanitizers, antiseptics	Release formaldehyde, can cause birth defects, skin and eye irritation
Sodium Laureth Sulfate (SLES)	Softener, wetting agent, cleansing ingredient	Toxic, eye and skin irritation
Sodium Lauryl Sulfate (SLS)	Detergent, wetting ingredient, emulsifier	Toxic, eye and skin irritation
TEA (triethanolamine)	Creates foam/bubbles	Can form cancer-causing nitrates/nitrosamines and cause hormone dysfunction
Triclosan	Antibacterial agent	Hormone disrupting, carcinogenic