

Chemicals to Avoid:

Acetone - Eye, nose, throat, and skin irritant. May cause effects on the central nervous system, liver, kidneys and gastrointestinal tract, dizziness, nausea, lack of coordination, slurred speech and drowsiness. Repeated or prolonged contact with skin may cause dermatitis. It may have effects on the blood and bone marrow.

Alpha-pinene - Sensitizer. Eye, skin, mucus membrane and respiratory tract irritant. May cause chemical conjunctivitis and corneal damage, irritation and dermatitis. May cause cyanosis of the extremities. May cause gastrointestinal irritation with nausea, vomiting and diarrhea if ingested. Ingestion of large amounts may cause central nervous system depression. Aspiration may lead to pulmonary edema. Vapors may cause dizziness or suffocation. May cause burning sensation in the chest. Effects may be delayed.

Alpha-terpineol - Eye and skin irritant. May cause irritation and dermatitis. May cause gastrointestinal irritation with nausea, vomiting and diarrhea if ingested. May cause headache, weakness, ataxia (failure of muscular coordination), delirium, fever, dehydration, and hypothermia. May cause respiratory tract irritation if inhaled. Inhalation at high concentrations may cause central nervous system depression and asphyxiation.

Benzaldehyde - Narcotic. Sensitizer. Eye, nose, mouth, throat, skin and lung irritant. GI tract irritant. May cause nausea, abdominal pain and possible kidney damage.

Benzyl Acetate - Carcinogenic. Eye and lung irritant.

Benzyl Alcohol - Upper respiratory tract irritant. May cause headache, nausea, vomiting, dizziness, drop in blood pressure, central nervous system depression and death in severe cases due to respiratory failure.

Camphor - Eye, nose and throat irritant, central nervous system stimulant. May cause dizziness, confusion, nausea, twitching muscles and convulsions.

Chloroform - Eye irritant. May cause effects on the heart, liver, kidneys and the central nervous system resulting in unconsciousness. The effects may be delayed. Repeated or prolonged contact with skin may cause dermatitis. May be carcinogenic.

Diethyl Maleate - Eye, skin and upper respiratory tract irritant.

Ethanol - On EPA's Hazardous Waste List. Eye and respiratory tract irritant. May cause fatigue. May cause an initial stimulatory effect followed by drowsiness, impaired vision, ataxia and stupor. May cause central nervous system disorder.

Ethyl Acetate - Narcotic. On EPA's Hazardous Waste List. Eye and respiratory tract irritant. May cause headache and narcosis (stupor). De-fatting effect on skin and may cause drying and cracking. May cause anemia with leukocytosis and damage to liver and kidneys.

Ethyl Linalool - Narcotic. Skin and eye irritant. May cause lethargy, depression, and life-threatening respiratory effects. May cause central nervous system disorder.

Eugenol - Eye, skin and respiratory tract irritant. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May be harmful if swallowed. This is an experimental neoplastigen, tumorigen, and carcinogen. May cause damage to the liver.

Formaldehyde - Carcinogenic. Sensitizer. Eye, nose, throat and respiratory tract irritant. May cause headache, bronchitis, pneumonitis and death if inhaled. May cause severe eye injury and corneal damage. May cause burning, vomiting, severe pain, coma, death and chronic liver and kidney damages if ingested.

Gamma-terpinene - Eye and skin irritant. Digestive tract irritant if ingested. Causes respiratory tract irritation. Vapors may cause dizziness or suffocation. May cause central nervous system disorders.

Hydroxy Citronellal - Eye, skin, lip, mucous membrane and upper respiratory tract irritant.

Limonene - Carcinogenic. Sensitizer. Eye and skin irritant.

Methylene Chloride - Banned by the FDA in 1988. Enforcement is not possible due to trade secret laws. On EPA, RCRA, CERCLA Hazardous Waste Lists. Carcinogenic. Absorbed and stored in body fat. Metabolizes to carbon monoxide, reducing oxygen-carrying capacity of the blood. May cause headaches, giddiness, stupor, irritability, fatigue, tingling in the limbs and central nervous system disorder.

Phthalates - Linked to birth defects, liver and kidney damage and detrimental effects on the male reproductive system.

Propylene Glycol - Eye and skin irritant. May be harmful by ingestion or skin absorption. Chronic exposure may cause gastrointestinal disturbances, nausea, headache and vomiting, central nervous system depression.

Sodium Lauryl Sulfate - Eye, skin and respiratory tract irritant. Repeated or prolonged contact with skin may cause dermatitis. May cause cough, labored breathing, headache, dry throat or nasal congestion if inhaled. May cause nausea, vomiting or diarrhea if ingested.

Toluene - Eye and respiratory tract irritant. Exposure may cause central nervous system depression. Repeated or prolonged contact with skin may cause dermatitis. May result in decreased learning ability and psychological disorders.