

Forbidden List (Do Not Buy)

Chemical Name	Hazards
Acetic Anhydride	Explosive Potential, corrosive
Acetyl Chloride	Corrosive, fire risk, reacts violently with water and alcohol
Acrylamide	Toxic by absorption, suspected carcinogen
Acrylonitrile	Flammable, poison
Adipoyl Chloride	Corrosive, absorbs through skin, lachrymator
Aluminum Chloride, anhydrous	Water reactive, corrosive
Ammonia, gas	Corrosive lachrymator
Ammonium Bichromate	May explode on contact with organics, suspect carcinogen
Ammonium Bifluoride	Reacts with water, forms Hydrofluoric Acid
Ammonium Chromate	Oxidizer, poison; may explode when heated
Ammonium Dichromate	Reactive, may cause fire and explosion
Ammonium Perchlorate	Explosive; highly reactive
Ammonium Sulfide	Poison, Corrosive, Reacts with water & acids
Aniline	Carcinogen, toxic, absorbs through skin
Aniline Hydrochloride	Poison
Antimony Oxide	Health and contact hazard
Antimony Powder	Flammable as dust, health hazard
Antimony Trichloride	Corrosive; emits hydrogen chloride gas if moistened
Arsenic compounds	Poison, carcinogen
Azide Compounds	Explosive in contact with metals, extremely reactive, toxic
Barium Chromate	Poison
Benzene	Flammable, carcinogen
Benzoyl Peroxide	Organic peroxide, flammable, oxidizer
Beryllium and its compounds	Poison. Dust is P-listed waste, highly toxic, carcinogen
Bromine	Corrosive, oxidizer, volatile liquid
Cadmium compounds	Toxic heavy metal, carcinogen
Calcium Fluoride (Fluorspar)	Teratogen. Emits toxic fumes when heated
Carbon Disulfide	Flammable, toxic, P-listed Extremely Hazardous
Carbon Tetrachloride	Toxic, carcinogen
Chloral Hydrate	Hypnotic drug. Controlled substance
Chlorine	Poison gas, Corrosive
Chlorobenzene	Explosive limits 1.8% to 9.6% toxic inhalation & contact haz.
Chloroform	Carcinogen. If old forms deadly Phosgene gas.
Chlorosulfonic Acid	Toxic aka Sulfuric Chlorohydrin
Chromic Acid	Strong oxidizer, Poison
Collodion	Flammable. Explosive when dry, Nitrocellulose compound
Cuprous Cyanide	Toxic
Cyclohexene	Flammable, peroxide former
Dichlorobenzene	Toxic
Dichloroethane	Flammable, Toxic
Dinitro Phenol	Explosive. "Bomb Squad"
Dinitrophenyl Hydrazine	Severe explosion and fire risk
Dioxane	Flammable, peroxide former
Ether, Anhydrous	Flammable, peroxide former
Ether, Ethyl	Flammable, peroxide former
Ether, isopropyl	Flammable, peroxide former
Ethyl Nitrate	Explosive "Bomb Squad"
Ethylene Dichloride	Toxic, contact hazard, fire risk, Explosive in air 6 -16%
Ethyleneimine	Flammable. Toxic P-listed waste
Ferrous Sulfide	Spontaneously ignites with air if wet

Formaldehyde	Toxic, carcinogen
Gunpowder	Explosive
Hydrazine	Flammable Absorbs thru skin Carcinogen, Corrosive
Hydriodic Acid	Corrosive, Toxic
Hydrobromic Acid	Corrosive, Poison
Hydrofluoric Acid	Corrosive, poisonous
Hydrogen	Flammable
Hydrogen Sulfide gas	Poison
Immersion Oil (old)	May contain 10-30% PCB's
Isopropyl Ether	Flammable, Highest risk peroxide former
Lithium Aluminum Hydride	Flammable, Reacts with air, water, and organics
Mercaptoethanol	Flammable. Corrosive
Mercury compounds	Poisonous heavy metal
Mercury Thermometers	Toxic heavy metal, corrosive
Mercury, liquid	Toxic heavy metal, carcinogen
Methyl Ethyl Ketone	Flammable, dangerous fire risk, toxic
Methyl Iodide (Iodomethane)	May be narcotic, Carcinogen, Lachrymator
Methyl Isocyanate	Flammable, dangerous fire risk, toxic
Methyl Isopropyl Ketone	Toxic
Methyl Methacrylate	Flammable, Vapor causes explosive mix with air
Methylene Chloride	Toxic, carcinogen, narcotic
Naphthylamine, a	Combustible, Toxic. Carcinogen
Nickel Oxide	Flammable as a dust, Toxic, Carcinogen
Nicotine	Poison, P-listed Extremely Hazardous
Nitrotriacetic Acid	Corrosive
Nitrobenzene	Highly Toxic
Nitrocellulose	Flammable. Explosive
Nitrogen Triiodide	Explosive "Bomb Squad"
Nitroglycerin	Explosive "Bomb Squad"
OsmiumTetrazide (Osmic Acid)	Highly toxic. P-listed Extremely Hazardous
Pentachlorophenol	Extremely toxic
Perchloric Acid	Powerful oxidizer, reactive
Phenol	Highly Toxic
Phosphorus Pentasulfide	Water reactive, Toxic, Incompatible with air and water
Phosphorus Pentoxide	Oxidizer, toxic
Phosphorus, Red	Flammable solid
Phosphorus, Yellow or White	Air reactive, Poison
Picric Acid, Trinitrophenol	Explosive when dry
Potassium Cyanide	Poison. P-listed Extremely Hazardous
Potassium Perchlorate	Powerful Oxidizer. Reactivity Hazard
Potassium Sulfide	Flammable, May ignite spontaneously
Potassium, metal	Water reactive, peroxide former
Pyridine	Flammable, Toxic, Vapor forms explosive mix with air
Selenium	Toxic
Silver Cyanide	Extremely toxic
Sodium Arsenate	Toxic, Carcinogen
Sodium Arsenite	Toxic, Carcinogen
Sodium Azide	Poison, explosive reaction with metals, Extremely Hazardous
Sodium Borohydride	Flammable Solid, Water Reactive
Sodium Cyanide	Poison, P-listed Extremely Hazardous
Sodium Fluoride (Bifluoride)	Highly toxic by ingestion or inhalation. Strong skin irritation
Sodium Fluoroacetate	Deadly Poison

Sodium metal lump	Water reactive, ignites spontaneously in air, corrosive
Sodium Peroxide	Water reactive, may cause fire and explosion
Sodium Sulfide	Fire and explosion risk
Strontium	Flammable, Store under Naphtha, Reacts with water
Testosterone HCl	Controlled substance
Tetrahydrofuran	Flammable, peroxide former
Thioacetamide	Flammable, Toxic, Irritant
Toluene	Flammable, Toxic
Trinitrobenzene	Explosive. "Bomb Squad"
Trinitrophenol	Explosive. "Bomb Squad"
Trinitrotoluene	Explosive. "Bomb Squad"
Uranium/Uranium Compounds	Radioactive
Xylene	Flammable, Toxic