

# TOP 40 CHEMICAL OFFENDERS

ACETIC ACID.....	Flammable liquid; corrosive
ACETYL CHLORIDE.....	Dangerous fire risk; violent with water
ADIPOYL CHLORIDE.....	Corrosive
ALUMINUM CHLORIDE, ANHYDROUS.....	Violent with Water
AMMONIUM HYDROXIDE.....	Respiratory hazard; severely corrosive
ANILINE.....	Toxic
ANTIMONY PENTACHLORIDE.....	Corrosive; reacts with organics
ANTIMONY TRICHLORIDE.....	Corrosive
ARSENIC TRIOXIDE.....	Toxic
BENZENE.....	Toxic
BENZOYL.....	Chloride heating releases phosgenes; reacts violently with water, alcohol
BENZOYL PEROXIDE.....	Flammable and explosive, reacts violently with bases
BENZYL ALCOHOL.....	Reacts violently with oxidants
BROMINE.....	Toxic by inhalation and ingestion; oxidizer; reacts violently with organics
BUTYRIC ACID.....	Stench agent; lachrymator
CADMIUM, CADMIUM SALTS.....	Toxic
CALCIUM CARBIDE.....	Evolves acetylene with water; fire risk
CARBON DISULFIDE.....	Severe fire risk
DIOXANE.....	Toxic, flammable
ETHER.....	Peroxidizable; flammable
FORMALDEHYDE.....	Toxic
HYDROCHLORIC ACID.....	Severely corrosive
HYDROGEN PEROXIDE, 30%.....	Readily decomposes with almost anything
LITHIUM, METAL.....	Alkali metal; reactive
MAGNESIUM, METAL.....	Powder flammable solid
MAGNESIUM PERCHLORATE.....	Oxidizer; dangerous in combination with organic material
MERCURY.....	Toxic
NITRIC ACID.....	Strong oxidizer
PERCHLORIC ACID.....	Contact with organics results in possible explosion
PHOSPHORUS, YELLOW/WHITE.....	Flammable solid; self-ignition possible, dangerous phosphorous
PICRIC ACID.....	When dry, an explosive
POTASSIUM.....	Peroxidizable; flammable solid
POTASSIUM/SODIUM CYANIDE.....	Toxic
POTASSIUM PERMANGANATE.....	Strong oxidizer
SEBACOYL CHLORIDE.....	Corrosive; eye irritant
SODIUM, METALLIC.....	Flammable solid
SODIUM AZIDE.....	Decomposes explosively; toxic
SODIUM PEROXIDE.....	Explosion/fire risk in combination with powdered metals & organics
SULFURIC ACID.....	Corrosive



RETROFIT  
ENVIRONMENTAL