

CLASS II CHEMICAL LIST RESTRICTED USAGE ITEMS

List as Approved June 19, 2019

Restricted Chemicals - Special Conditions Apply: Some chemicals listed may be linked to health hazards such as cancer or reproductive toxicity. Contact the Environmental Health & Safety Office (EH&S) for further information regarding safe usage of these compounds. Any chemical not specifically listed may be approved on a per case basis by contacting the EH&S Office, (858) 627-7174.

Class II chemicals are to be used only for demonstration purposes, prepared and presented only by instructors who are familiar with their hazardous properties. These chemicals are to be secured when not in use and are not to be retained longer than one (1) year from the date of purchase. Quantities should be kept at a minimum.

Acetic Anhydride	Hayem's Solution	Potassium, Metal, lumps, (limit 4 oz) or (113grams)
Aluminum Nitrate	Hydrogen (gas)	Potassium Nitrate
Ammonium Dichromate	Hydrogen Peroxide 4%-20%	Potassium Permanganate
Ammonium Nitrate	Hydrogen Sulfide	Potassium Sulfide
Antimony, metal	Hydroquinone	Pyrogalllic Acid
Barfoed Reagent	Iron Filings	Resorcinol
Barium Chlorate	Lead Dioxide	Silver Acetate
Barium Nitrate	Lead Nitrate	Schiff Reagent
Barium Peroxide	Lead Sulfide	Sodium Chlorate
Barium Sulfide	Lithium, metal, lumps, (limit 4 oz) or (113grams)	Sodium Dithionate
Bismuth Nitrate	Lithium Nitrate	(Sodium hydrosulfite)
Bouin's Fluid	Manganese Nitrate	Sodium Metabisulfite
Bromine Water	(Manganous)	Sodium, metal, lumps, (limit 4 oz) or (113grams)
Calcium, metal, flakes	Magnesium Dioxide	Sodium Nitrate
Calcium Carbide	(Magnesium peroxide)	Sodium Nitrite
Calcium Nitrate	Magnesium Hydroxide	Sodium Permanganate
Carbolic Acid (Phenol)	Magnesium, Metal	Sodium Peroxide
Chromium Chloride, in solution	Magnesium Nitrate	Sodium Sulfide
Cobalt Nitrate	Methylene Iodide	Sodium Sulfide (anhydrous)
Cobaltous nitrate	Nickel Nitrate	Strontium Nitrate
Cupric (Copper) Nitrate	Nickel Sulfate, crystals	Titanium, metal
Ethyl Acetate	Phthalic anhydride	Tungsten, metal
Ferric Nitrate	Phenol	Zinc Nitrate
Ferrous Sulfide	Phosphorus Pentoxide	Zirconium Nitrate
Formalin (limit 1 gal)	Potassium Chlorate	
Formic Acid	Potassium Dichromate	