

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Abscisic Acid	No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Acetal	Explosive. Peroxide forming compound. Flammable. Slightly toxic by ingestion & skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Acetaldehyde	Explosion risk from peroxide formation. Flammable. Slightly toxic by inhalation, ingestion and skin contact. Irritant to eyes.	Liver function impairment
Acetamide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Acetanilide	Slightly toxic by ingestion. Irritant	No confirmed human disease-related or reproductive hazard data reported.
Acetic Acid (<1 Molar)	Irritant. No acute toxicity data reported at this dilute concentration.	No confirmed human disease-related or reproductive hazard data reported.
Acetic Acid (>6 Molar)	Combustible liquid and vapor. Corrosive. Toxic by skin contact. Slightly toxic by ingestion.	Erosion of teeth. Chronic lung impairment.
Acetic Acid (1 Molar to 6 Molar)	Corrosive. Slightly toxic by skin contact and ingestion.	Erosion of teeth. Chronic lung impairment
Acetic Anhydride	Water reactive. Flammable. Corrosive. Slightly toxic by ingestion & skin contact. Irritant.	Drug precursor.
Aceto Carmine	Moderately corrosive. Slightly toxic by ingestion and inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Acetone	Flammable. Slightly toxic by skin contact.	Dermatitis.
Acetonitrile	Flammable. Toxic by inhalation. Forms poisonous cyanide gas if acidified.	No confirmed human disease-related or reproductive hazard data reported.
Aceto-Orcein Solution	Moderately corrosive. Slightly toxic by ingestion and inhalation.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Acetyl Chloride	Water reactive. Flammable. Corrosive. Poison by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Acetylcholine Bromide	No toxicity data. Assumed be slightly toxic and an irritant like Acetylcholine Chloride.	No confirmed human disease-related or reproductive hazard data reported.
Acetylcholine Bromide Solution	No toxicity data. Assumed be slightly toxic and an irritant like Acetylcholine Chloride solution.	No confirmed human disease-related or reproductive hazard data reported.
Acetylcholine Chloride	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Acetylcholine Chloride Solution	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Acetylene	Explosion risk, especially in contact with metals. Flammable gas.	No confirmed human disease-related or reproductive hazard data reported.
Acetylsalicylic Acid	Toxic by ingestion.	Allergic sensitization. Teratogen
Acridine Orange	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Acrolein	Flammable. P-listed. Extremely hazardous. Poison by inhalation.	Mutagen.
Acrylamide	Neurotoxin by ingestion & skin contact.	Carcinogen
Acrylic Acid	Explosive if stored at room temperature. Flammable. Corrosive. Poison by ingestion. Toxic by skin contact.	Teratogen.
Acrylonitrile	Flammable. Poison by inhalation and skin contact. Toxic by ingestion.	Carcinogen. Teratogen.

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Adenine	Toxic by ingestion	No confirmed human disease-related or reproductive hazard data reported.
Adenosine Triphosphate	Irritant. No acute toxicity data reported.	Mutagen.
Adipic Acid	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Adipoyl Chloride	Water reactive. Corrosive.	No confirmed human disease-related or reproductive hazard data reported.
Adipoyl Chloride - Hexane Solution	Flammable. Corrosive.	No confirmed human disease-related or reproductive hazard data reported.
Adrenaline	P-List. Extremely hazardous. Reported as poison by ingestion, inhalation or skin contact.	Teratogen. Allergic sensitization. Drug Precursor. Theft risk.
Adrenaline Chloride Solution	Highly diluted (1000:1). Pure compound is regulated by DOT as poison by ingestion.	Teratogen.
Agar	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Agarose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Aitch-tu-ess Cartridges	Produces poisonous & flammable hydrogen sulfide gas when heated.	No confirmed human disease-related or reproductive hazard data reported.
Alanine, DL-	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Alanine, L-	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

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Albumin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Alconox	Slightly toxic by ingestion	No confirmed human disease-related or reproductive hazard data reported.
Alizarin	Irritant. Skin permeator. LD50 data is limited to bird toxicity.	Mutagen.
Alizarin Red S	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Alizarin Yellow R	Irritant. No acute toxicity data reported.	Reported to damage lungs & mucous membranes from chronic exposure.
Alkaline Iodide Azide	Corrosive. Poison by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Alkaline Potassium Iodide	Corrosive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Allyl Chloride	Can autopolymerize from peroxide formation. Flammable. Toxic by inhalation. Slightly toxic by ingestion & skin contact.	Mutagen.
Aluminon	Irritant. No acute toxicity data reported.	Reproductive effects. Lowers male fertility
Aluminum - Metal Lump	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum - Powder	Water reactive. Flammable solid. Irritant.	No confirmed human disease-related or reproductive hazard data reported.

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Aluminum Ammonium Sulfate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Chloride - Anhydrous	Water reactive. Corrosive. Slightly toxic by ingestion.	Teratogen.
Aluminum Chloride - Hexahydrate	Slightly toxic by ingestion. Irritant.	Teratogen.
Aluminum Hydroxide	Low toxicity. Insoluble in water.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Nitrate - Nonahydrate	Oxidizer. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Oxide	No acute toxicity data reported	Inhalation causes Shaver's Disease
Aluminum Potassium Sulfate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Sodium Sulfate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Sulfate - 18 hydrate	Reported toxic by ingestion with fatal doses of 30 grams.	No confirmed human disease-related or reproductive hazard data reported.
Aluminum Sulfate - Anhydrous	Reported toxic by ingestion with fatal doses of 30 grams.	No confirmed human disease-related or reproductive hazard data reported.
Aminodiphenyl, 4-	Toxic by ingestion. Irritant.	Carcinogen. Mutagen.
Ammonium Acetate	No acute toxicity data reported	Tremors. Impairment of motor response.

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Ammonium Bicarbonate	Limited toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Bifluoride	Corrosive. Toxic by ingestion. Targets brain, bones, kidneys and heart. Reacts with water to form poisonous hydrofluoric acid.	Chronic exposure to fluorine can damage bones, joints & teeth.
Ammonium Bromide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Carbonate	Limited toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Chloride	Slightly toxic by ingestion. Irritant	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Chromate	Oxidizer. No acute toxicity data reported. Irritant.	Carcinogen
Ammonium Citrate	Limited toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Dichromate	Oxidizer. Corrosive when wet. Assumed to be toxic by ingestion based on data for Sodium Dichromate.	Carcinogen
Ammonium Fluoride	Corrosive. No acute toxicity data reported. Targets brain, bones, kidneys and heart.	Chronic exposure to fluorine can damage bones, joints & teeth.
Ammonium Hydroxide (<1 Molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Hydroxide (>6 Molar)	Corrosive. Toxic by ingestion. Choking vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Hydroxide (1 Molar to 6 Molar)	Corrosive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Iodide	Limited toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.

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Ammonium Metavanadate	P-List. Extremely hazardous. Poison by ingestion & inhalation. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Molybdate	Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Nitrate	Oxidizer. Possibility of explosive reactions in contact with flammable liquids. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Nitrite	Explosive. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Oxalate - Anhydrous	Reported toxic by ingestion & inhalation. Corrosive if inhaled or swallowed.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Oxalate - Monohydrate	Reported toxic by ingestion & inhalation. Corrosive if inhaled or swallowed.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Perchlorate	Explosive. Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Persulfate	Oxidizer. Slightly toxic by ingestion. Irritant.	Allergic sensitization.
Ammonium Phosphate - Dibasic	No toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Phosphate - Monobasic	No toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Polysulfide	Corrosive. Toxic by ingestion, skin contact. Reacts with acids to form poisonous H <sub>2</sub> S gas.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Sulfate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Sulfide	Flammable. Corrosive. Toxic by ingestion & skin contact. Reacts with acids to form poisonous & ignitable hydrogen sulfide gas.	No confirmed human disease-related or reproductive hazard data reported.

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Ammonium Tartrate	Limited toxicity data. Decomposition releases irritating ammonia vapors.	No confirmed human disease-related or reproductive hazard data reported.
Ammonium Thiocyanate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Amyl Acetate	Flammable.	No confirmed human disease-related or reproductive hazard data reported.
Amylase	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Anasol	Corrosive. Oxidizer. Toxic by ingestion.	Carcinogen.
Anhydrous Ammonia	Corrosive. Poison gas.	Drug precursor.
Aniline	Combustible. Toxic by skin contact & ingestion. Irritant.	Anemia. Cyanosis. Kidney, liver and bone marrow damage.
Aniline Acetate	Corrosive. Toxic by skin contact & ingestion.	Anemia. Cyanosis. Kidney, liver and bone marrow damage.
Aniline Blue	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Aniline Hydrochloride	Slightly toxic by ingestion. Irritant.	Teratogen. Mutagen.
Anthracene	Irritant. No acute toxicity data reported.	Carcinogen. Persistent bioaccumulative toxin. Sensitizer. Reported toxic to blood, kidneys, lungs, mucosa.
Anthranilic Acid	Slightly toxic by ingestion.	Mutagen.



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Antimony - Metal Lump	No hazardous characteristics reported.	Persistent bioaccumulative toxin. Reported toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes.
Antimony - Powder	Flammable solid.	Persistent bioaccumulative toxin. Reported toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes.
Antimony Potassium Tartrate	Toxic by ingestion.	Mutagen. Dermatitis. Inhalation of dusts may harm blood, liver, nervous system, heart.
Antimony Trichloride	Corrosive. Slightly toxic by ingestion. Reacts with water to form corrosive hydrogen chloride gas.	Affects liver and heart function.
Arabinose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Arginine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Arsenic - Metal Lump	Slightly toxic by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin. Reported toxic to kidneys, lungs, the nervous system, mucous membranes
Arsenic - Powder	Flammable solid. Slightly toxic by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin. Reported toxic to kidneys, lungs, the nervous system, mucous membranes

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Arsenic Trioxide	P-listed. Extremely hazardous. Poison by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin. Reported toxic to kidneys, lungs, the nervous system, mucous membranes
Arsine	Poison by inhalation. Pyrophoric. Flammable gas. Extremely hazardous.	Carcinogen. Toxic to blood, kidneys, liver, heart, nervous system.
Asbestos	No acute toxicity data reported	Carcinogen.
Ascarite	Corrosive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ascorbic Acid	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Asparagine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Aspartic Acid	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Barfoed Reagent	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Barium - Metal Lump	Water reactive. Releases toxic gas if acidified.	No confirmed human disease-related or reproductive hazard data reported.
Barium - Powder	Water reactive. Flammable solid. Releases toxic gas if acidified.	No confirmed human disease-related or reproductive hazard data reported.
Barium Acetate	Slightly toxic by ingestion. Ingestion reported to cause convulsions & death from cardiac & respiratory failure. Estimated lethal dose is 1 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Barium Carbonate	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

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Barium Chloride	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Barium Chromate	Oxidizer. No acute toxicity data reported. Reported toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes by ingestion & skin contact.	Carcinogen
Barium Hydroxide	Corrosive. Toxic by ingestion. Ingestion reported to cause convulsions & death from cardiac & respiratory failure. Estimated lethal dose is 1 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Barium Nitrate	Oxidizer. Toxic by ingestion. Irritant. Ingestion reported to cause convulsions & death from cardiac & respiratory failure. Estimated lethal dose is 1 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Barium Peroxide	Oxidizer. No acute toxicity data reported. Ingestion reported to cause convulsions & death from cardiac & respiratory failure. Estimated lethal dose is 1 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Barium Sulfate	No hazardous characteristics reported. Insoluble in water.	No confirmed human disease-related or reproductive hazard data reported.
Benedict's Reagent	Toxic by ingestion.	Teratogen.
Benzaldehyde	Combustible. Irritant. Slightly toxic by ingestion. Ingestion can cause convulsions.	No confirmed human disease-related or reproductive hazard data reported.
Benzene	Flammable. Slightly toxic by inhalation, skin absorption and ingestion.	Carcinogen

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Benzidine	Toxic by ingestion.	Carcinogen. Mutagen.
Benzoic Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Benzoin	Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Benzonitrile	Combustible. Toxic by skin contact & ingestion. In contact with acids or fire may produce toxic cyanide gas.	No confirmed human disease-related or reproductive hazard data reported.
Benzophenone	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Benzoyl Chloride	Combustible. Corrosive. Slightly toxic by ingestion. May liberate toxic and corrosive gas in contact with water.	Carcinogen
Benzoyl Peroxide	Explosive. Flammable solid. Oxidizer. Multiple incompatibilities. Store separately in secondary container away from light in a cool place.	No confirmed human disease-related or reproductive hazard data reported.
Benzyl Alcohol	Toxic by skin absorption. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Benzylaminopurine	Toxic by inhalation. Slightly toxic by ingestion.	Teratogen.
Beryllium - Metal Lump	Reported poison by inhalation & ingestion with LD50s for beryllium compounds of 0.5 to 5 mg/kg	Carcinogen. Persistent bioaccumulative toxin. Sensitizer.
Beryllium - Powder	Flammable solid. P-listed. Extremely hazardous. Reported poison by inhalation & ingestion with LD50s for beryllium compounds of 0.5 to 5 mg/kg	Carcinogen. Persistent bioaccumulative toxin. Sensitizer.
Beryllium Hydroxide	Reported poison by inhalation & ingestion with LD50s for beryllium compounds of 0.5 to 5 mg/kg	Carcinogen. Persistent bioaccumulative toxin. Sensitizer.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Beryllium Oxide	Reported poison by inhalation & ingestion with LD50s for beryllium compounds of 0.5 to 5 mg/kg	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Beryllium Sulfate	Poison by ingestion. Reported poison by inhalation & ingestion with LD50s for beryllium compounds of 0.5 to 5 mg/kg	Carcinogen. Persistent bioaccumulative toxin.
Bile Salts	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Bismarck Brown Y	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Bismuth - Metal Lump	Slightly toxic by ingestion.	Reported toxic to lungs & mucosa on extended exposure.
Bismuth - Powder	Flammable solid. Slightly toxic by ingestion.	Reported toxic to lungs & mucosa on extended exposure.
Bismuth Nitrate	Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Bismuth Subnitrate	Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Bismuth Trichloride	Corrosive. Slightly toxic by ingestion	No confirmed human disease-related or reproductive hazard data reported.
Biuret	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Biuret Reagent	Corrosive. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Boric Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.

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Boron Trichloride	Poison gas. Corrosive gas. Water reactive. Extremely hazardous.	No confirmed human disease-related or reproductive hazard data reported.
Bouin's Fixative	Explosive when dry or in contact with metals. Corrosive. Toxic by ingestion.	Carcinogen. Teratogen. Allergen.
Brilliant Cresyl Blue	No acute toxicity data.	Reported harmful via inhalation, ingestion and skin absorption.
Brilliant Green	Corrosive to eye tissue.	No confirmed human disease-related or reproductive hazard data reported.
Bromine	Corrosive. Oxidizer. Toxic by inhalation. Deactivate with Sodium Thiosulfate. Reported lethal dose to humans of 14 mg.	No confirmed human disease-related or reproductive hazard data reported.
Bromine Water	Corrosive. Slightly toxic by inhalation. Deactivate with Sodium Thiosulfate. Reported lethal dose to humans of 14 mg.	No confirmed human disease-related or reproductive hazard data reported.
Bromobenzene	Flammable liquid. Slightly toxic by inhalation and ingestion.	Persistent bioaccumulative toxin.
Bromobutane	Flammable liquid. Slightly toxic by inhalation.	Persistent bioaccumulative toxin.
Bromocresol Green	No acute toxicity data reported.	Persistent bioaccumulative toxin.
Bromocresol Purple	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Bromoform	Slightly toxic by ingestion. Choking vapors.	Persistent bioaccumulative toxin.
Bromphenol Blue	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.

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Bromthymol Blue	No acute toxicity data reported	Persistent bioaccumulative toxin.
Butadiene	Explosive. Peroxide forming compound. Flammable gas. Poison by inhalation.	Carcinogen. Teratogen.
Butanol, 1-	Flammable. Slightly toxic by skin contact & ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Butanol, 2-	Flammable. Slightly toxic by skin contact & ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Butoxyethanol	Combustible. Toxic by ingestion & skin contact. Slightly toxic by inhalation.	Destroys red blood cells. Anemia.
Butyl Acetate	Flammable.	Teratogen
Butyl Stearate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Butylated Hydroxytoluene	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Butyraldehyde	Flammable. Slightly toxic by ingestion & skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Butyric Acid	Corrosive. Combustible. Moderately toxic by skin contact. Slightly toxic by ingestion. Stench.	No confirmed human disease-related or reproductive hazard data reported.
Cadmium - Metal Lump	Toxic by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Cadmium - Powder	Flammable solid. Poison by inhalation. Toxic by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Cadmium Chloride - Anhydrous	Toxic by ingestion. Suspected to be poisonous by inhalation.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Cadmium Chloride - Pentahydrate	Toxic by ingestion. Suspected to be poisonous by inhalation.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Cadmium Nitrate - Anhydrous	Oxidizer. Toxic by ingestion. Suspected to be toxic by inhalation.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Cadmium Nitrate - Tetrahydrate	Oxidizer. Toxic by ingestion. Suspected to be toxic by inhalation.	Carcinogen. Teratogen.
Cadmium Oxide	Toxic by ingestion. Poison by inhalation.	Carcinogen. Teratogen.
Cadmium Sulfate - Anhydrous	Toxic by ingestion.	Carcinogen. Teratogen.
Cadmium Sulfate - Octahydrate	Toxic by ingestion.	Carcinogen. Teratogen.
Caffeine	Toxic by ingestion.	Teratogen.
Calcium - Metal Lump	Water reactive. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Calcium - Powder	Water reactive. Air reactive in moist air. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Acetate	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Calcium Bromide	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Carbide	Water reactive.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Carbonate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.



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Calcium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Cyanide	P-Listed. Extremely hazardous. Poison by ingestion. Releases poison gas when acidified even slightly.	Persistent bioaccumulative toxin.
Calcium Fluoride	Slightly toxic by ingestion. Human lethal dose for fluorides is 2.5 to 7.5 gram.	Teratogen. Chronic exposure to fluorine can damage bones, joints & teeth.
Calcium Gluconate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Hydroxide	Corrosive. No acute toxicity data reported.	Dermatitis.
Calcium Hypochlorite	Oxidizer. Slightly toxic by ingestion. Reacts with water to release corrosive, toxic vapors & heat.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Iodide	Irritant. No acute toxicity data reported.	Allergen.
Calcium Nitrate - Anhydrous	Oxidizer. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Nitrate - Hydrate	Oxidizer. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Oxide	Corrosive. Water reactive in powder form.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Phosphate, Dibasic	Corneal damage in contact with eyes. Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Phosphate, Monobasic	Corneal damage in contact with eyes. Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Phosphate, Tribasic	Corneal damage in contact with eyes. Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.

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Calcium Sulfate - Dihydrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Sulfate - Hemihydrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Calcium Sulfide	Irritant. No toxicity data. Slightly soluble. Reacts with acids to form poisonous & ignitable hydrogen sulfide gas.	No confirmed human disease-related or reproductive hazard data reported.
Calmagite	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Camphor	Solid becomes flammable liquid when heated. Ingestion can cause convulsions. <b>Reported to be a poison by inhalation.</b>	No confirmed human disease-related or reproductive hazard data reported.
Canadian Balsam	No hazardous characteristics reported. Low toxicity.	No confirmed human disease-related or reproductive hazard data reported.
Canadian Balsam in Xylene	Flammable. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Carbol Fuchsin	Toxic by inhalation, ingestion & skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Carbon	Flammable solid as powder.	No confirmed human disease-related or reproductive hazard data reported.
Carbon Black	No hazardous characteristics reported. No toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Carbon Disulfide	Flammable. P-Listed. Extremely hazardous. Slightly toxic by inhalation & ingestion. Reacts with acids to form poisonous & ignitable hydrogen sulfide gas.	Teratogen.
Carbon Monoxide	Poison gas. Flammable gas.	Poison gas. Flammable gas.

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Carbon Tetrachloride	Slightly toxic by ingestion & skin contact.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Carbonyl Sulfide	Poison gas. Flammable gas. Irritant.	Poison gas. Flammable gas.
Carmine	No toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Carnauba Wax	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Carnoy's Fixative	Flammable. Corrosive. Slightly toxic by ingestion & inhalation.	Carcinogen. Persistent bioaccumulative toxin.
Casein	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Catalase	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Catechol	Toxic by skin contact & ingestion.	Mutagen. Allergen.
Cedarwood Oil	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Cellulose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Cerium Ammonium Nitrate	Oxidizer. Irritant. No toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Cesium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Cetyl Alcohol	Flammable solid. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

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Charcoal	Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Chloral Hydrate	Toxic by ingestion. Controlled substance.	Persistent bioaccumulative toxin.
Chloretone	Toxic by ingestion. Controlled substance.	Persistent bioaccumulative toxin.
Chlorine	Corrosive. Poison gas. Choking irritating vapors. Slightly toxic by inhalation. Numerous incompatibilities.	No confirmed human disease-related or reproductive hazard data reported.
Chlorine Trifluoride	One of the most reactive compounds known. Explodes on contact with water. Corrosive gas. Powerful oxidizer. Spontaneously ignites in air.	No confirmed human disease-related or reproductive hazard data reported.
Chlorine Water	Corrosive. Slightly toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Chlorobenzene	Flammable. Slightly toxic by inhalation.	Persistent bioaccumulative toxin.
Chloroethanol	Flammable. Poison by inhalation & skin contact. Toxic by ingestion. Reacts with water to produce corrosive fumes.	Persistent bioaccumulative toxin. Teratogen.
Chloroform	Slightly toxic by ingestion & inhalation. Reacts with light to form poison phosgene gas.	Persistent bioaccumulative toxin. Carcinogen.
Chlorophenol	Poison by inhalation. Toxic by skin contact. Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Chlorophenol Red	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Chlorophyllin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Chloroprene	Can autopolymerize from peroxide formation. Flammable. Toxic by inhalation. Slightly toxic by skin contact and ingestion.	Persistent bioaccumulative toxin. Teratogen.
Chlorpromazine	Controlled substance	No confirmed human disease-related or reproductive hazard data reported.
Chlorosulfonic Acid	Water reactive. Corrosive. Toxic by inhalation & ingestion.	Persistent bioaccumulative toxin. Erosion of teeth. Chronic lung impairment.
Cholesterol	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Chromatography Solvent	Flammable. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Chromic Acid	Corrosive. Oxidizer. Poison by ingestion.	Carcinogen. Persistent bioaccumulative toxin. Erosion of teeth. Chronic lung impairment.
Chromium - Metal Lump	No acute toxicity data reported	Hexavalent form is carcinogen. Persistent bioaccumulative toxin.
Chromium - Powder	Flammable solid. Can explode spontaneously in air. Limited toxicity data	Carcinogen. Persistent bioaccumulative toxin.
Chromium Chloride - Anhydrous	Slightly toxic by ingestion. Irritant.	Persistent bioaccumulative toxin.
Chromium Chloride - Hydrate	Slightly toxic by ingestion. Irritant.	Persistent bioaccumulative toxin.
Chromium Nitrate	Oxidizer. Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Chromium Oxide	Irritant. No acute toxicity data reported	Persistent bioaccumulative toxin. Dermatitis.
Chromium Potassium Sulfate - Anhydrous	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Chromium Potassium Sulfate - Dodecahydrate	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Chromium Sulfate	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Chromium Trioxide	Oxidizer. Corrosive in solution. Toxic by ingestion.	Carcinogen. Mutagen. Persistent bioaccumulative toxin.
Chy-Max	Low Hazard	No confirmed human disease-related or reproductive hazard data reported.
Cinnamaldehyde	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Citric Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Clayton Yellow	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Clove Oil	Toxic by skin absorption. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Cobalt - Metal Lump	Low hazard as lump.	Carcinogen.
Cobalt - Powder	Flammable solid. Air reactive. Inhalation linked to lung damage.	Carcinogen.
Cobalt Carbonate	Slightly toxic by ingestion.	Dermatitis. Chronic exposure reported to damage kidney, heart & lungs.
Cobalt Chloride - Anhydrous	Toxic by ingestion.	Carcinogen. Teratogen. Chronic exposure reported to damage kidney, heart & lungs.
Cobalt Chloride - Hydrate	Slightly toxic by ingestion.	Chronic exposure reported to damage kidney, heart & lungs.
Cobalt Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion.	Chronic exposure reported to damage kidney, heart & lungs.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Cobalt Nitrate - Hydrate	Oxidizer. Slightly toxic by ingestion.	Chronic exposure reported to damage kidney, heart & lungs.
Cobalt Oxide	Toxic by ingestion.	Chronic exposure reported to damage kidney, heart & lungs.
Cobalt Sulfate	Slightly toxic by ingestion.	Chronic exposure reported to damage kidney, heart & lungs.
Colchicine	Poison by ingestion. Irritant.	Teratogen. Mutagen.
Collodion	Explosive when dry. Flammable.	No confirmed human disease-related or reproductive hazard data reported.
Congo Red	Allergen by skin contact. Irritant. Metabolizes to benzidine when inhaled or ingested.	Teratogen. Carcinogen.
Copper - Metal Lump	Low hazard as lump.	Persistent bioaccumulative toxin.
Copper - Powder	Assumed toxic by inhalation. OSHA limits are a very low 1 mg/cubic meter of air. Ingestion can cause ulceration of mouth and stomach.	Persistent bioaccumulative toxin.
Copper Acetate - Anhydrous	Slightly toxic by ingestion. Corrosive to eye tissue.	Persistent bioaccumulative toxin.
Copper Acetate - Hydrate	Slightly toxic by ingestion. Corrosive to eye tissue.	Persistent bioaccumulative toxin.
Copper Bromide	Slightly toxic by ingestion.	Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Copper Carbonate	Slightly toxic by ingestion. Irritant.	Persistent bioaccumulative toxin.
Copper Chloride - Anhydrous	Corrosive. Toxic by ingestion.	Persistent bioaccumulative toxin.
Copper Chloride - Dihydrate	Corrosive. Toxic by ingestion.	Persistent bioaccumulative toxin.
Copper Hydroxide	Slightly toxic by ingestion & skin contact. Irritant.	Persistent bioaccumulative toxin.
Copper Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion. Irritant.	Dermatitis. Persistent bioaccumulative toxin.
Copper Nitrate - Hemipentahydrate	Oxidizer. Slightly toxic by ingestion. Irritant.	Dermatitis. Persistent bioaccumulative toxin.
Copper Nitrate - Trihydrate	Oxidizer. Slightly toxic by ingestion. Irritant.	Dermatitis. Persistent bioaccumulative toxin.
Copper Sulfate	Toxic by ingestion.	Teratogen. Persistent bioaccumulative toxin.
Creatine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Creatinine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Creosote	Combustible. Slightly toxic by ingestion.	Carcinogen.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Cresol	Corrosive. Toxic by skin contact. Slightly toxic by ingestion.	Reported to cause lung damage, liver damage, pancreas damage, kidney damage,
Cresol Purple	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Cresol Red	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Cresol Red, Sodium Salt	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Crystal Violet	Toxic by ingestion. Irritant.	Teratogen. Mutagen.
Cumene	Explosion risk from peroxide formation. Flammable. Slightly toxic by ingestion and skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Cupric Cyanide	P-Listed. Extremely hazardous. Toxic by ingestion. Releases poison gas when acidified even slightly.	Persistent bioaccumulative toxin.
Cupric Oxide	Toxic by ingestion	Persistent bioaccumulative toxin.
Cupric Sulfide	Reacts with acids to form poisonous & ignitable hydrogen sulfide gas. No acute toxicity data due to insolubility.	Persistent bioaccumulative toxin.
Cuprous Acetate	Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Cuprous Chloride	Toxic by ingestion.	Persistent bioaccumulative toxin.
Cuprous Cyanide	P-Listed. Extremely hazardous. Toxic by ingestion. Releases poison gas when acidified even slightly.	Persistent bioaccumulative toxin.
Cuprous Oxide	Toxic by ingestion	Persistent bioaccumulative toxin.
Cuprous Sulphide	Irritant. No acute toxicity data reported. Virtually insoluble.	Allergen by skin contact. Teratogen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Cyanogen Bromide	Corrosive. Poison by inhalation. Forms poisonous cyanide gas if acidified.	No confirmed human disease-related or reproductive hazard data reported.
Cyclohexane	Flammable. Irritant. Low toxicity by ingestion. No acute toxicity data from inhalation or skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Cyclohexanol	Explosion risk from peroxide formation. Combustible. Slightly toxic by ingestion.	Mutagen.
Cyclohexanone	Flammable. Toxic by skin contact. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Cyclohexene	Explosion risk from peroxide formation. Flammable. Irritant. No toxicity data found.	No confirmed human disease-related or reproductive hazard data reported.
Cysteine	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Decanoic Acid	Irritant. Toxic by skin absorption. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Denatured Alcohol	Flammable. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Dextrin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Dextrose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Diastase of Malt	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Diatomaceous Earth	Irritant. No acute toxicity data reported.	Silicosis. Carcinogen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Dibromo-3-chloropropane, 1,2-	Toxic by skin contact. Reported toxic by ingestion & inhalation. Irritant.	Carcinogen. Mutagen. Linked to sterility in male farm workers.
Dibutyl Phthalate	Toxic by inhalation. Low toxicity by ingestion and skin absorption.	Teratogen.
Dichlorobenzidine	No acute toxicity data reported	Carcinogen. Mutagen.
Dichloroethane	Flammable. Slightly toxic by ingestion & skin contact. Inhalation and ingestion are reported to cause liver, kidney, & adrenal gland damage,	Persistent bioaccumulative toxin. Chronic exposures can cause weight loss, eye damage & anemia.
Dichloroindophenol, Sodium Salt	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Dichlorophenoxy Acetic Acid	Toxic by ingestion and skin contact. Irritant.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Diethylamine	Flammable. Corrosive to skin & eyes. Toxic by skin contact. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Dimethyl Aniline	Combustible. Toxic by skin contact. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Dimethyl Sulfoxide	Irritant. No acute toxicity data reported.	Teratogen.
Dimethylaminoazobenzene, 4-	Toxic by ingestion.	Carcinogen. Mutagen.
Dimethylglyoxime	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Dimethylglyoxime Solution	Flammable. Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Dinitrophenol	Explosive. P-listed. Extremely hazardous. Poison by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Dinitrophenyl Hydrazine	Explosive. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Dioxane	Explosion risk from peroxide formation. Flammable. Slightly toxic by skin contact. Inhalation toxicity documented in humans.	Carcinogen. Teratogen.
Diphenylamine	Slightly toxic by ingestion.	Teratogen.
Dithizone	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Dodecanol	Irritant. Low toxicity by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Drierite	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Duplicating Fluid	Flammable. Toxic by ingestion with delayed symptoms. Ingestion can cause blindness, coma. Fatal dose reported as 110 milliliters. Reported slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Eosin Y	Irritant. Low toxicity by ingestion.	Persistent bioaccumulative toxin.
Eriochrome Black T	Low toxicity by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Erythrosin B	Slightly toxic by ingestion.	Mutagen. Persistent bioaccumulative toxin.
Estrone	No acute toxicity data reported	Mutagen. Steroid. Carcinogen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Ethanol	Flammable.	Teratogen.
Ethanolamine	Combustible. Toxic by skin contact. Slightly toxic by ingestion. Irritant. Corrosive base that reacts violently with acids.	Mutagen. Dermatitis.
Ethidium Bromide	Dust is reported to be very toxic when inhaled.	Mutagen
Ethoxyethanol	Slightly toxic by ingestion & skin contact. <b>Reported to be poisonous by skin contact.</b>	Carcinogen. Mutagen.
Ethyl Acetate	Flammable. Slightly toxic by inhalation. Low toxicity by ingestion or skin contact. Irritant.	Anemia. Damage to liver & kidneys.
Ethyl Chloride	Flammable gas. Reacts with water to produce corrosive, toxic fumes. Slightly toxic by inhalation.	Persistent bioaccumulative toxin.
Ethyl Ether	Explosion risk from peroxide formation. Flammable. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Ethyl Iodide	Reacts with water to produce corrosive, toxic fumes. Combustible. Slightly toxic by inhalation. Irritant.	Persistent bioaccumulative toxin.
Ethyl Nitrate	Explosive. Flammable. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Ethylene Glycol	Slightly toxic by ingestion.	Teratogen. Mutagen.
Ethylene Oxide	Flammable gas. Toxic by ingestion. Convulsive when inhaled. Irritant	Carcinogen. Teratogen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Ethylenediamine	Flammable. Corrosive. Toxic by inhalation and ingestion. Allergen. Reported to be toxic by skin contact.	Reported to cause lung, liver & kidney damage.
Ethylenediamine Tetraacetic Acid	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Ethyleneimine	Flammable. Corrosive to eye tissue. P-listed. Extremely hazardous. Poison by inhalation , skin contact and ingestion. Irritant.	Mutagen. Sensitizer. Allergen.
FAA Solution	Flammable. Toxic by ingestion. Irritant.	Contains formalin, a known carcinogen & teratogen.
Fast Green	Limited acute toxicity data. Toxic by ingestion to mice, but this may have limited applicability to humans	No confirmed human disease-related or reproductive hazard data reported.
Fehling's Solution A	Toxic by ingestion.	Teratogen.
Fehling's Solution B	Corrosive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ferric Ammonium Citrate	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Ferric Ammonium Sulfate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Ferric Oxide	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Ferric Sulfate	Irritant. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Ferroin Solution	No hazardous characteristics reported at this concentration.	No confirmed human disease-related or reproductive hazard data reported.
Ferrous Oxide	Air reactive as a fine powder. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Ferrous Sulfate, Anhydrous	Toxic by ingestion.	Teratogen.
Ferrous Sulfate, Heptahydrate	Toxic by ingestion.	Teratogen.
Fluorescein	Irritant. No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Formaldehyde	Combustible. Toxic by ingestion & skin contact. Irritant.	Carcinogen. Teratogen. Mutagen. Severe sensitizer and allergen
Formalin	Toxic by ingestion & skin contact Irritant.	Carcinogen. Teratogen. Mutagen. Severe sensitizer and allergen
Formalternate	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Formamide	Toxic by skin contact. Irritant. Low toxicity by ingestion.	Reports of teratogenicity in animals.
Formic Acid	Flammable. Corrosive. Toxic by inhalation.	Erosion of teeth. Chronic lung impairment.
Fructose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Fuchsin Acid	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Fuchsin Basic	Irritant. No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Fuller's Earth	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Fumaric Acid	Slightly toxic by skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Furfural	Flammable. Toxic by ingestion. Slightly toxic by inhalation. Can explode on contact with acids.	Carcinogen. Mutagen.
Galactose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Gallium - Metal Lump	Irritant	May cause bone marrow abnormalities with damage to blood forming tissues
Gastric Juice	Irritant. No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Gelatin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Gibberellic Acid	Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Giemsa Stain	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Giemsa Stain Solution	Flammable liquid. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Gilson's Fixative	Corrosive. Toxic by ingestion. Contains mercuric chloride. Mercury compounds are banned from Washington schools.	No confirmed human disease-related or reproductive hazard data reported.
Glucose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Glutaraldehyde (<6%)	Toxic by ingestion. Slightly toxic by skin contact. Irritant. <b>Reported poison by inhalation.</b>	Teratogen.
Glutaraldehyde (>6%)	Toxic by ingestion. Slightly toxic by skin contact. Irritant. <b>Reported poison by inhalation.</b>	Teratogen.
Glutathione	Irritant. No hazardous characteristics reported.	Mutagen
Glycerin	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Glycine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Glycogen	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Glyoxal	Air reactive. Water reactive. Corrosive. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Glyoxal Solution	Slightly toxic by skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Gram's Iodine Stain	Irritant. Low acute toxicity at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Graphite	Flammable Solid.	No confirmed human disease-related or reproductive hazard data reported.
Guaiacol	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Guar Gum	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Gum Arabic	No hazardous characteristics reported.	Allergen.
Gum Rosin	Combustible. No verifiable acute toxicity data reported.	Teratogen. Sensitizer.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Gunpowder	Explosive. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Hayem Diluting Fluid	Mercury compound. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Helium	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Hematoxylin	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Heptane	Flammable. Slightly toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Hexachlorophene	Toxic by skin contact & ingestion. Irritant. Used as a disinfectant in the past (Phisohexä)	Brain lesions.
Hexamethylenediamine	Corrosive. Toxic by skin contact. Slightly toxic by ingestion.	Teratogen.
Hexamethylenediamine - Sodium Hydroxide Solution	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	Teratogen.
Hexane	Flammable. Irritant. Low toxicity by ingestion. Reported toxic by inhalation.	Teratogen. Neurotoxin.
Hexane/Acetone Aerosol Sprays	Flammable. Irritant. Low toxicity by ingestion.	Teratogen. Neurotoxin. Causes peripheral neuropathy by inhalation & skin absorption
Hexanol	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Hydrazine	Flammable. Corrosive. Poison by skin contact. Explosive reaction with oxidizers.	Carcinogen. Teratogen. Mutagen. Sensitizer.
Hydrazine Sulfate	Slightly toxic by ingestion. Irritant.	Carcinogen. Mutagen. Teratogen
Hydriodic Acid	Corrosive. Toxic by inhalation and ingestion.	Erosion of teeth. Chronic lung impairment.
Hydrobromic Acid	Corrosive. Toxic by inhalation and ingestion.	Erosion of teeth. Chronic lung impairment.
Hydrochloric Acid (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Hydrochloric Acid (>6 molar)	Corrosive. Toxic by inhalation & ingestion.	Erosion of teeth. Chronic lung impairment.
Hydrochloric Acid (1 molar to 6 molar )	Corrosive. Toxic by inhalation & ingestion.	Erosion of teeth. Chronic lung impairment.
Hydrofluoric Acid	Corrosive. Poison by inhalation, ingestion & skin contact. Dissolves glass containers.	Chronic exposure to fluorine can damage bones, joints & teeth.
Hydrogen	Flammable	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Hydrogen Bromide	Corrosive gas. Exposure to 1000 - 2000 ppm in air is reported as fatal within a few minutes.	Pulmonary edema and pneumonitis.
Hydrogen Chloride	Corrosive gas. Exposure to 1000 - 2000 ppm in air is reported as fatal within a few minutes.	Pulmonary edema and pneumonitis.
Hydrogen Peroxide ( <4%)	Low hazard at this concentration.	No confirmed human disease-related or reproductive hazard data reported.
Hydrogen Peroxide ( 20% to 30% )	Corrosive. Oxidizer. Toxic by inhalation. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Hydrogen Peroxide ( 4% to 20% )	Oxidizer. Slightly toxic by skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Hydrogen Peroxide (>31% )	Corrosive. Oxidizer. Toxic by inhalation. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Hydrogen Sulfide Gas	Flammable gas. Poison gas. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Hydrogen Sulfide Water	Irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Hydroquinone	Toxic by ingestion.	Mutagen. Allergen.
Hydroxy Napthol Blue		No confirmed human disease-related or reproductive hazard data reported.
Hydroxylamine Hydrochloride		No confirmed human disease-related or reproductive hazard data reported.
Immersion Oil	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Immersion Oil - Containing PCBs	Slightly toxic by ingestion.	Carcinogen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Indigo Carmine	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Indigo Dye	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Indole-3-Acetic Acid	No acute toxicity data reported	Sensitizer.
Indole-3-Butyric Acid	May be toxic by ingestion based on mouse LD50 data.	No confirmed human disease-related or reproductive hazard data reported.
Invertase	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Iodine	Oxidizer. Irritant. Reported toxic by inhalation & ingestion. Lethal dose reported to be 2 to 4 grams.	Rash, headache, anemia.
Iodine Potassium Iodide Solution	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Iodine Tincture	Flammable. Irritant. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Iron - Metal Lump	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Iron - Powder	Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Iron Chloride	Corrosive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Iron Nitrate - 9 Hydrate	Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Iron Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Iron Sulfide	Reacts with acids to form poisonous & ignitable hydrogen sulfide gas. No acute toxicity data due to insolubility.	No confirmed human disease-related or reproductive hazard data reported.
Isobutanol	Flammable liquid. Slightly toxic by ingestion. Irritant. Reported toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Isopropanol	Flammable. Slightly toxic by inhalation and ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Isopropyl Ether	Explosion risk from peroxide formation. Flammable.	No confirmed human disease-related or reproductive hazard data reported.
Isovaleric Acid	Corrosive. Toxic by skin contact. Slightly toxic by ingestion. Stench.	No confirmed human disease-related or reproductive hazard data reported.
Janus Green B	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Kaolin	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Kerosene	Combustible. Irritant. No acute toxicity data reported.	Dermatitis.
Kinetin	No acute toxicity data reported	Mutagen.
Kleermount in Xylene	Flammable. Slightly toxic by inhalation, ingestion and skin contact. Irritant.	Liver, kidney and bone marrow damage. Skin rash.
Knop's Solution	No hazardous characteristics reported. Very dilute.	No confirmed human disease-related or reproductive hazard data reported.
Lactic Acid	Corrosive. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Lactose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Lanolin	No hazardous characteristics reported.	Allergen.
Lanthanum Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Lanthanum Nitrate - Hexahydrate	Oxidizer. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Latex	Irritant. No acute toxicity data reported.	Allergen.
Lauric Acid	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Lauroyl Peroxide	Organic peroxide. Corrosive. Oxidizer. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Lead - Metal Lump	No acute toxicity data reported for larger diameter particles of lead.	Neurotoxin by chronic ingestion & inhalation, especially to children.
Lead - Powder	Flammable solid. Toxic by ingestion & inhalation.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Acetate - Dibasic	Slightly toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.
Lead Acetate - Monobasic	Slightly toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.
Lead Arsenate	Slightly toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Lead Bromide	No acute toxicity data reported. Assumed toxic by ingestion. Very slightly soluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Carbonate	No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Carbonate - Basic	No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Chloride	No acute toxicity data reported. Assumed toxic by ingestion. Very slightly soluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Chromate	No acute toxicity data reported. Assumed toxic by ingestion. Very slightly soluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Diiodide	No acute toxicity data reported. Assumed toxic by ingestion. Very slightly soluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Dioxide	Oxidizer. No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Iodide	No acute toxicity data reported. Assumed toxic by ingestion. Very slightly soluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative
Lead Monooxide	No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Lead Nitrate	Oxidizer. Irritant. No acute toxicity data reported.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Oxide	No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Sulfate	Corrosive. No acute toxicity data reported. Assumed toxic by ingestion. Insoluble in cold water.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Lead Sulfide	Reacts with acids to form poisonous & ignitable hydrogen sulfide gas. No acute toxicity data due to insolubility.	Persistent bioaccumulative toxin.
Lead Tetroxide	Irritant. No acute toxicity data reported.	Neurotoxin by chronic ingestion & inhalation, especially to children. Persistent bioaccumulative toxin.
Levulose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Limewater	Corrosive. No acute toxicity reported.	Dermatitis.
Linseed Oil	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Lipase	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Lithium - Metal Lump	Water reactive.	No confirmed human disease-related or reproductive hazard data reported.
Lithium - Powder	Air reactive. Water reactive. Once burning, can explode in contact with materials in most fire extinguishers.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Lithium Aluminum Hydride	Water reactive. Ignites in contact with moist air. Flammable solid	No confirmed human disease-related or reproductive hazard data reported.
Lithium Carbonate	Corrosive, especially to eyes. Slightly toxic by ingestion. Drug precursor, restrict access, theft risk.	Mutagen. Teratogen.
Lithium Chloride	Slightly toxic by ingestion. Irritant.	Mutagen. Teratogen.
Lithium Fluoride	No acute toxicity data. Though fluorides are typically toxic by ingestion, lithium fluoride is only very slightly soluble & therefore less bioavailable.	No confirmed human disease-related or reproductive hazard data reported.
Lithium Hydroxide - Anhydrous	Corrosive. Toxic by ingestion. Poison by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Lithium Hydroxide - Monohydrate	Corrosive. Toxic by ingestion. Poison by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Lithium Nitrate	Oxidizer. Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Lithium Sulfate - Anhydrous	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Lithium Sulfate - Hydrate	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Litmus	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Lugol's Iodine	Irritant by inhalation of fumes. Tends to corrode plastic cap. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Lull-A-Fly	Flammable. Toxic by ingestion, inhalation & skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Luminol	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Lycopodium	Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Lysine HCl	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Lysozyme	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium - Metal Lump	Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium - Powder	Water reactive. Flammable solid. Corrosive to skin.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Acetate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Bromide - Anhydrous	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Bromide - Hexahydrate	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Carbonate - Anhydrous	Irritant. No acute toxicity reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Carbonate - Hydrate	Irritant. No acute toxicity reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Chloride - Anhydrous	Slightly toxic by ingestion.	Mutagen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Magnesium Chloride - Hexahydrate	Slightly toxic by ingestion.	Mutagen.
Magnesium Hydroxide	Irritant. No acute toxicity reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Nitrate - Anhydrous	Oxidizer. Irritant. No acute toxicity data reported.	Anemia.
Magnesium Nitrate - Hexahydrate	Oxidizer. Irritant. No acute toxicity data reported.	Anemia.
Magnesium Oxide	Irritant. No acute toxicity reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Perchlorate	Oxidizer. Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Magnesium Sulfate	No hazardous characteristics reported.	Teratogen.
Malachite Green	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Maleic Acid	Corrosive. Toxic by skin contact. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Malonic Acid	Slightly toxic by ingestion. Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Maltose, D- - Anhydrous	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Maltose, D- - Monohydrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Manganese - Metal Lump	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Manganese - Powder	Water reactive. Flammable solid. Irritant. No acute toxicity data reported.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease. Teratogen.
Manganese (II) Chloride - Anhydrous	Toxic by ingestion.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease. Teratogen.
Manganese (II) Chloride Tetrahydrate	Slightly toxic by ingestion. Irritant.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease. Teratogen.
Manganese (II) Nitrate - Anhydrous	Oxidizer. Irritant.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.
Manganese (II) Nitrate - Tetrahydrate	Oxidizer. Irritant.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.
Manganese (II) Sulfate - Anhydrous	Slightly toxic by ingestion.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.
Manganese (II) Sulfate - Monohydrate	Slightly toxic by ingestion.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.
Manganese Carbonate	No acute toxicity data reported.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.
Manganese Peroxide	Oxidizer. No acute toxicity data reported.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Mannitol	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Menthol	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Mercaptoethanol	Combustible. Corrosive. Poison by skin contact. Toxic by ingestion.	Mutagen. Persistent bioaccumulative toxin.
Mercuric Bichloride	Poison by ingestion. Toxic by skin contact. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercuric Chloride	Poison by ingestion. Toxic by skin contact. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercuric Iodide	Poison by ingestion. Irritant. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercuric Nitrate monohydrate	Oxidizer. Poison by ingestion. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercuric Sulfate	Toxic by ingestion. Slightly toxic by skin contact. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercurochrome	No acute toxicity data. Mercury compounds are banned from Washington schools. Reported to be harmful via inhalation, ingestion & skin contact.	Persistent bioaccumulative toxin.
Mercurous Chloride	Toxic by ingestion. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercurous Nitrate	Oxidizer. Toxic by ingestion. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercurous Nitrate (mercury (I) nitrate)	Oxidizer. Toxic by ingestion. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Mercurous Sulfate	Toxic by ingestion. Slightly toxic by skin contact. Mercury compounds are banned from Washington schools.	Teratogen. Mutagen. Persistent bioaccumulative toxin.
Mercury - Elemental	Corrosive. No acute toxicity data. Reported toxic by ingestion & inhalation. Bulk mercury is banned from Washington schools.	Mutagen. Neurotoxin by chronic inhalation of vapors, especially to children. Persistent bioaccumulative toxin.
Mercury Oxide	Oxidizer. Poison by ingestion. Mercury compounds are banned from Washington schools.	Persistent bioaccumulative toxin.
Mercury Sulfide	Reacts with acids to form poisonous & ignitable hydrogen sulfide gas. No acute toxicity data due to insolubility. Mercury compounds are banned from Washington schools.	Persistent bioaccumulative toxin.
Mercury Thermometers	Corrosive. No acute toxicity data. Reported toxic by ingestion and inhalation. Mercury thermometers are banned from Washington schools.	Mutagen. Neurotoxin by chronic inhalation of vapors, especially to children. Persistent bioaccumulative toxin.
Methanol	Flammable. Toxic by ingestion with delayed symptoms. Ingestion can cause blindness, coma. Fatal dose reported as 110 milliliters.	Impairment of vision has been reported.
Methionine	No hazardous characteristics reported.	Mutagen.
Methoxyethanol	Flammable. Toxic by skin contact. Slightly toxic by ingestion. Irritant.	Teratogen
Methyl Blue	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Methyl Bromide	Corrosive gas. Toxic by ingestion. Reported to be toxic by inhalation.	Heart arrhythmia. Central nervous system, lung, liver & kidney damage.
Methyl Cellulose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Methyl Ethyl Ketone	Flammable. Slightly toxic by ingestion, inhalation and skin contact. Irritant.	Teratogen. Central nervous system effects.
Methyl Green	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Methyl Iodide	Poison by inhalation. Choking vapors.	Persistent bioaccumulative toxin. Carcinogen.
Methyl Isobutyl Ketone	Explosion risk from peroxide formation. Flammable. Slightly toxic by ingestion. Reported slightly toxic by inhalation.	Teratogen.
Methyl Isocyanate	Water Reactive. Flammable. Toxic by inhalation & skin contact. Severe irritant.	Blindness. Lung damage & emphysema. Allergic sensitizer. Teratogen.
Methyl Isopropyl Ketone	Flammable. Toxic by ingestion. Slightly toxic by skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Methyl Mercaptan	Flammable gas. Water reactive. Reacts with many metals. Irritant. No acute toxicity data reported. Reported toxic by inhalation.	Chemical pneumonitis
Methyl Methacrylate	Flammable. Irritant. Can polymerize violently when exposed to light if no inhibitors are added. Reported slightly toxic by inhalation.	Teratogen.
Methyl Orange	Toxic by ingestion.	Mutagen.
Methyl Paraben	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Methyl Red	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Methyl Red - Sodium Salt	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Methyl Salicylate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Methyl Tert-Butyl Ether	Flammable. Slightly toxic by ingestion. Reported slightly toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Methyl Violet	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Methylamine	Flammable. Corrosive. Poison by inhalation. Intense stench.	No confirmed human disease-related or reproductive hazard data reported.
Methylchloromethyl Ether	Flammable. Toxic by ingestion. Slightly toxic by skin contact.	Carcinogen.
Methylene Blue	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Methylene Chloride	Slightly toxic by ingestion & inhalation. Irritant.	Carcinogen. Teratogen. Mutagen
Millon's Reagent	Corrosive. Oxidizer. Toxic by ingestion. Slightly toxic by inhalation & skin contact. Mercury compounds are banned from Washington Schools.	Teratogen. Persistent bioaccumulative toxin.
Mineral Oil	No acute toxicity data reported	Teratogen
Molisch Reagent	Flammable. Toxic by skin contact. Slightly toxic by ingestion. Irritant.	Teratogen.
Molybdenum - Metal Lump	No acute toxicity data reported	Teratogen.
Molybdenum - Powder	Flammable solid .	Teratogen.
Molybdenum Oxide	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Molybdenum Trioxide	Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Monosodium Glutamate	No acute toxicity data reported	Teratogen

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Murexide	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Muriatic Acid	Corrosive. Toxic by ingestion.	Teratogen. Erosion of teeth. Chronic lung impairment.
Naphthalene	Flammable solid. Toxic by ingestion. Inhalation or skin contact can lead to liver damage & anemia. Irritant.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Naphthalene Acetic Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Naphthol, 1-	Combustible solid. Toxic by ingestion. Toxic by skin contact.	Teratogen.
Naphthol, 2-	Combustible. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Naphthol-6-Sulfonic Acid - Sodium Salt	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Naphthylamine	Combustible. Slightly toxic by ingestion. Readily absorbs through skin or lungs	Carcinogen (directly linked to bladder cancer.)
Naphthylethylenediamine Dihydrochloride	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Neodymium Chloride	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Nessler's Reagent	Corrosive. Poison by ingestion. Mercury compounds are banned from Washington schools.	Teratogen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Neutral Red	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Niacin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Nickel - Metal Lump	Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Nickel - Powder	Flammable solid. Slightly toxic by ingestion.	Carcinogen. Teratogen. Persistent bioaccumulative toxin.
Nickel Acetate	Toxic by ingestion	Carcinogen. Persistent bioaccumulative toxin.
Nickel Ammonium Sulfate	Toxic by ingestion	Carcinogen. Persistent bioaccumulative toxin.
Nickel Chloride - Anhydrous	Toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.
Nickel Chloride - Hexahydrate	Toxic by ingestion	Carcinogen. Persistent bioaccumulative toxin.
Nickel Monoxide	No acute toxicity data reported.	Carcinogen. Persistent bioaccumulative toxin. Allergen. Sensitizer.
Nickel Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.
Nickel Nitrate - Hexahydrate	Oxidizer. Slightly toxic by ingestion.	Carcinogen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Nickel Sulfate - Anhydrous	Toxic by ingestion. Irritant.	Carcinogen. Persistent bioaccumulative toxin.
Nickel Sulfate - Hexahydrate	Toxic by ingestion. Irritant.	Carcinogen. Persistent bioaccumulative toxin.
Nickel Trioxide	No acute toxicity data reported.	Carcinogen. Persistent bioaccumulative toxin. Allergen. Sensitizer.
Nicotine	Combustible. P-Listed Extremely Hazardous. Poison by ingestion & skin contact.	Teratogen.
Nigrosin	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Ninhydrin	Toxic by ingestion. Strong irritant.	No confirmed human disease-related or reproductive hazard data reported.
Nitric Acid (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Nitric Acid (>6 molar)	Corrosive. Oxidizer. Toxic by ingestion. Reported poison by inhalation. Multiple incompatibilities.	Teratogen. Erosion of teeth. Chronic lung impairment.
Nitric Acid (1 molar to 6 molar)	Corrosive. Oxidizer. Toxic by ingestion. Reported toxic by inhalation.	Teratogen. Erosion of teeth. Chronic lung impairment.
Nitrilotriacetic Acid	Slightly toxic by ingestion. Irritant.	Carcinogen. Kidney damage.
Nitroacetanilide	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Nitrobenzaldehyde	Irritant. Slightly toxic by skin contact & ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Nitrobenzene	Combustible. Reported to be poison by inhalation or ingestion with lethal dose of 1 to 5 grams. Slightly toxic by skin contact. Ingestion causes severe anemia.	Carcinogen. Teratogen. Chronic exposure may damage nerves, liver, spleen, kidneys & bone marrow.
Nitrocellulose	Flammable solid. Easily ignited when dry. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Nitrogen	No hazardous characteristics reported. Asphyxiant.	No confirmed human disease-related or reproductive hazard data reported.
Nitrogen Triiodide	High explosive. Highly unstable!	No confirmed human disease-related or reproductive hazard data reported.
Nitroglycerin	High explosive. Highly unstable!	No confirmed human disease-related or reproductive hazard data reported.
Nitrophenol, 3-	Toxic by ingestion and skin contact. Irritant.	Mutagen
Nitrophenol, 4-	Toxic by ingestion and skin contact. Irritant.	Mutagen
Nitrophenylazo Resorcinol	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Nitrosodimethylamine, N-	Combustible. Toxic by ingestion. Slightly toxic by inhalation.	Carcinogen. Teratogen. Mutagen.
Octadecanol	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Octanol, 1-	Combustible. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Octanol, 2-	Combustible. Slightly toxic by skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Octyl Phenol	Corrosive. Combustible solid. Toxic by skin contact. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Oleic Acid	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Onion's Fusible Alloy	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Orange G	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Orange IV	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Orcein	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Orcinol	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Ortho-dichlorobenzene	Toxic by ingestion. Irritant.	Teratogen. Chronic exposure may damage blood, liver and kidneys.
Osmium Tetroxide	Corrosive. P-Listed Extremely Hazardous. Poison by inhalation & ingestion. Lachrymator.	No confirmed human disease-related or reproductive hazard data reported.
Oxalic Acid - Anhydrous	Corrosive to soft tissues. Poison by ingestion. Toxic dose is 5 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Oxalic Acid - Dihydrate	Corrosive. Poison by ingestion. Ingestion can cause kidney failure.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Oxygen	Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Palmitic Acid	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Pancreatin	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Papain	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Para-dichlorobenzene	Combustible. Toxic by ingestion. Irritant.	Teratogen. Persistent pollutant
Paraffin	Irritant. No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Paraformaldehyde	Slightly toxic by ingestion and skin contact. Inhalation reported to be poisonous & cause bronchopneumonia. Irritant.	Sensitizer. Dermatitis. Kidney damage from prolonged exposure.
Paraldehyde	Flammable. Irritant. Slightly toxic by ingestion and skin contact. Controlled substance. Theft risk.	No confirmed human disease-related or reproductive hazard data reported.
Paris Green	Poison by ingestion. Arsenic compound.	Carcinogen.
Penicillin G Sodium	Allergen. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Pentachlorophenol	Poison by ingestion. Toxic by skin contact. Irritant. Reported poisonous by inhalation.	Carcinogen. Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Pentane	Flammable. Severe skin Irritant. Slightly toxic by skin contact. Reported slightly toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Pentanol, 1-	Flammable. Slightly toxic by ingestion & skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Pentanol, 2-	Flammable. Can form explosive peroxides if distilled to dryness. Slightly toxic by ingestion & inhalation. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Peppermint Oil	Combustible. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Pepsin	Allergen. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Peptone	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Perchloric Acid	Corrosive. Oxidizer. Slightly toxic by ingestion and skin contact. Explosion risk from contact with metals.	Erosion of teeth. Chronic lung impairment.
Perchloroethylene	Toxic by ingestion. Slightly toxic by inhalation. Irritant.	Persistent bioaccumulative toxin.
Permunt	Flammable. Slightly toxic by ingestion, inhalation and skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Petrolatum	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Petroleum Ether	Flammable. Irritant.	Dermatitis.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
pH 10 Buffer - Ammonium Hydroxide	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
pH 10 Buffer - Borate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
pH 10 Buffer - Clear	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
pH 4 Buffer - Acetate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
pH 4 Buffer - Biphthalate	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
pH 7 Buffer - Phosphate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
pH 7.4 Buffer - Tris	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Phenanthroline	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phenol	Corrosive. Combustible. Toxic by inhalation, skin contact & ingestion.	Persistent bioaccumulative toxin.
Phenol Red	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Phenolphthalein	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Phenolphthalein - Ethanol Solution	Flammable.	No confirmed human disease-related or reproductive hazard data reported.
Phenyl Salicylate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phenylarsine Oxide - Solid	Corrosive to skin and eyes. Arsenic compound. Reported to be toxic by ingestion, skin contact and inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Phenylarsine Oxide - Solution	Corrosive to eyes. Severe Irritant. Arsenic compound. Reported to be toxic by ingestion, skin contact and inhalation at high concentrations.	No confirmed human disease-related or reproductive hazard data reported.
Phenylhydrazine Hydrochloride	Corrosive. Slightly poisonous by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phenylthiocarbamide	Extremely poisonous by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phloroglucinol	Corrosive. Irritant. Low toxicity by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phosphomolybdic Acid	Corrosive. No acute toxicity data reported.	Erosion of teeth. Chronic lung impairment.
Phosphoric Acid (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Phosphoric Acid (>6 molar)	Corrosive. Toxic by ingestion and skin contact.	Erosion of teeth. Chronic lung impairment.
Phosphoric Acid (1 molar to 6 molar)	Corrosive. Toxic by ingestion and skin contact.	Erosion of teeth. Chronic lung impairment.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Phosphorus - Red	Flammable solid. Poison by ingestion and inhalation.	Drug precursor.
Phosphorus - White	Air reactive. Combustible. Poison by ingestion and inhalation. More reactive than Red Phosphorus.	Drug precursor.
Phosphorus - Yellow	Air reactive. Combustible. Poison by ingestion and inhalation. More reactive than Red Phosphorus.	Drug precursor.
Phosphorus Pentasulfide	Water Reactive. Air reactive. Reacts to form poisonous hydrogen sulfide gas. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Phosphorus Pentoxide	Water reactive. Corrosive. Poison by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Phosphorus Trichloride	Corrosive. Water reactive creating flammable gases. Oxidizer. Poison by ingestion. Slightly toxic by inhalation.	Liver & kidney damage. Jaw, tooth & blood disorders.
Phthalic Anhydride	Corrosive. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Physostigmine	P-listed. Extremely hazardous. Poison by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Picric Acid	Flammable solid. Explosive when dry. Explosive crystals form in contact with metals. Toxic by ingestion. Allergen. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Polyethylene Glycol	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Polyurethane Foam - Part A	Combustible. Irritant. No acute toxicity data reported.	Causes dermatitis.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Polyurethane Foam – Part B	Poison by inhalation. Contains isocyanates. Use in fume hood or by exhaust fan. Irritant.	Main constituent is confirmed carcinogen. Allergen. Causes dermatitis.
Polyvinyl Alcohol	Combustible. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium - 0.5 gram Chips	Water reactive. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Potassium - Chunks	Explosion risk from peroxide formation (colored crystals). Water reactive. Flammable solid. Corrosive. Air reactive (moisture).	No confirmed human disease-related or reproductive hazard data reported.
Potassium Acetate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Bicarbonate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Binoxalate	Irritant.	Reported toxic to lungs and kidneys with extended exposures
Potassium Bisulfate	Corrosive. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Bitartrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Potassium Bromate	Oxidizer. Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Bromide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Carbonate - Anhydrous	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Carbonate - Sesquahydrate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Chlorate	Oxidizer. Slightly toxic by ingestion. Irritant. Theft Risk.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Chromate	Oxidizer. Corrosive. Toxic by ingestion or inhalation of dusts. <b>Reported to be poisonous by contact with broken skin.</b>	Carcinogen. Mutagen. Asthmagen. Allergen.
Potassium Citrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Cyanide	P-Listed. Extremely hazardous. Poison by ingestion. Releases poison gas when acidified even slightly.	Persistent bioaccumulative toxin.
Potassium Dichromate	Oxidizer. Corrosive when wet. Poison by ingestion and absorption through broken skin.	Carcinogen. Mutagen. Asthmagen. Allergen. Ulceration of the nasal septum and throat.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Potassium Ferricyanide	Irritant. No acute toxicity data reported. Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.
Potassium Ferrocyanide	Irritant. No acute toxicity data reported. Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.
Potassium Fluoride	Corrosive. Toxic by ingestion. Targets brain, bones, kidneys and heart.	Chronic exposure to fluorine can damage bones, joints & teeth.
Potassium Hydrogen Phthalate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Hydroxide - Solid	Corrosive. Toxic by ingestion. Reacts with water generating heat.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Hydroxide (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Hydroxide (>6 molar)	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Hydroxide (1 molar to 6 molar)	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Iodate	Oxidizer. Irritant. No acute toxicity data reported.	Reported to cause anemia, kidney damage.
Potassium Iodide	Irritant. No acute toxicity data reported.	Anemia
Potassium Nitrate	Oxidizer. Toxic by ingestion. Gun powder ingredient. Theft risk.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Potassium Nitrite	Oxidizer. Toxic by ingestion and inhalation. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Oxalate	Corrosive to soft tissues. Poison by ingestion. Toxic dose is 5 to 15 grams.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Perchlorate	Oxidizer. Irritant. No acute toxicity data reported.	Teratogen. Anemia.
Potassium Periodate	Oxidizer. Irritant. No acute toxicity data reported. Reported to cause kidney and bloodstream damage when ingested.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Permanganate	Oxidizer. Corrosive. Slightly toxic by ingestion. Irritant.	Chronic exposure by inhalation can cause neurological damage similar to Parkinson's disease. Drug precursor.
Potassium Peroxide	Water reactive. Air reactive. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Persulfate	Oxidizer. Slightly toxic by ingestion. Irritant.	Allergen.
Potassium Phosphate - Dibasic	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Phosphate - Monobasic	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Phosphate - Tribasic	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Sodium Tartrate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Sulfate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Potassium Sulfide	Flammable. Corrosive. Spontaneously combustible if dry. Reacts with acids to form poisonous hydrogen sulfide gas.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Tartrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Potassium Thiocyanate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Praseodymium Chloride	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Propane	Flammable gas. Asphyxiant.	No confirmed human disease-related or reproductive hazard data reported.
Propanol	Flammable. Slightly toxic by inhalation, skin contact and ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Propiolactone, b-	Slightly toxic by inhalation.	Carcinogen. Mutagen.
Propionic Acid	Flammable. Corrosive. Toxic by ingestion and skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Propylene Glycol	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Pyridine	Flammable. Toxic by ingestion, inhalation, skin contact (easily absorbed). Irritant.	Liver & kidney damage.
Pyrogallol	Slightly toxic by ingestion and skin contact. Irritant.	Sensitizer.
Quinine Sulfate	No acute toxicity data reported.	Liver damage
Resazurin	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Resorcinol	Toxic by ingestion and skin contact (easily absorbed). Irritant. Allergen.	No confirmed human disease-related or reproductive hazard data reported.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Rhodamine B	No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Ringer's Solution	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Rose Bengal	No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Safranin O	No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Safranin Staining Solution	Flammable.	Organ damage, blindness.
Salicylic Acid	Irritant. Toxic by ingestion. Lethal dose is 20 - 30 grams.	No confirmed human disease-related or reproductive hazard data reported.
Schiff Reagent	Corrosive. Water reactive.	Allergen.
Sebacoyl Chloride	Corrosive. No acute toxicity data reported. Inhalation can cause pulmonary edema, a life-threatening lung ailment.	No confirmed human disease-related or reproductive hazard data reported.
Sebacoyl Chloride/Hexane Solution	Flammable. Corrosive.	No confirmed human disease-related or reproductive hazard data reported.
Selenium - Metal Lump	Toxic by inhalation (pulmonary edema, pneumonia)	ALS-type symptoms. Liver damage. Persistent bioaccumulative toxin.
Selenium - Powder	Toxic by inhalation (pulmonary edema, pneumonia)	ALS-type symptoms. Liver damage. Persistent bioaccumulative toxin.
Silica Gel	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Silicon	Flammable solid. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Silicon Oil	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Silicon Tetrafluoride	Corrosive gas. Reported toxic by inhalation. Hydrolyzes rapidly to hydrofluoric acid on contact with moisture.	Chemical pneumonitis. Chronic exposure to fluorine can damage bones, joints & teeth.
Silver - Metal Lump	Toxic by ingestion.	Argyria (permanent tissue discoloration).
Silver Acetate	Toxic by ingestion. Irritant.	Argyria (permanent tissue discoloration).
Silver Chloride	Toxic by ingestion. Irritant.	Argyria (permanent tissue discoloration).
Silver Cyanide	P-Listed. Extremely hazardous. Toxic by ingestion. Releases poison gas when acidified even slightly.	Persistent bioaccumulative toxin.
Silver Nitrate	Corrosive. Oxidizer. Slightly toxic by ingestion.	Argyria (permanent tissue discoloration).
Silver Oxide	Oxidizer. Slightly toxic by ingestion.	Argyria (permanent tissue discoloration).
Silver Sulfate	Irritant. No acute toxicity data reported.	Argyria (permanent tissue discoloration).
Soda Lime	Corrosive. Irritant. Toxic by ingestion. Reported toxic by inhalation of dusts.	Chemical pneumonitis.
Sodium - 0.5 Gram Pieces	Water reactive. Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium - Chunks	Water reactive. Flammable solid. Corrosive. Air reactive when heated.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Acetate - Anhydrous	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Acetate - Hydrate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Alginate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Arsenate	Poison by ingestion.	Carcinogen.
Sodium Arsenite	Poison by ingestion.	Carcinogen. Mutagen.
Sodium Azide	P-Listed. Extremely hazardous. Poison by ingestion and skin contact. Explosive reaction w/ metals.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Benzoate	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Bicarbonate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Bifluoride	Corrosive. Poison by ingestion. Lethal dose reported as 1 teaspoon.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Bismuthate	Oxidizer. Toxic by ingestion.	Kidney damage.
Sodium Bisulfate - Anhydrous	Slightly toxic by ingestion. Corrosive.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Bisulfate - Monohydrate	Slightly toxic by ingestion. Corrosive.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Bisulfite	Corrosive. Slightly toxic by ingestion. Irritant.	Allergen.
Sodium Borate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Borohydride	Water reactive. Corrosive. Flammable solid. Toxic by ingestion. Irritant. <b>Reported to be poison by inhalation.</b>	Drug precursor.
Sodium Bromate	Oxidizer. Limited toxicity data.	Kidney damage. Anemia. Methemoglobinemia
Sodium Bromide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Carbonate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Chlorate	Oxidizer. Slightly toxic by ingestion. Irritant. Theft Risk.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Chromate - Anhydrous	Oxidizer. Corrosive. Toxic by ingestion or inhalation of dusts. Reported to be poisonous by contact with broken skin.	Carcinogen. Mutagen. Asthmagen. Allergen.
Sodium Chromate - Tetrahydrate	Oxidizer. Corrosive. Toxic by ingestion or inhalation of dusts. Reported to be poisonous by contact with broken skin.	Carcinogen. Mutagen. Asthmagen. Allergen.
Sodium Citrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Cobaltinitrite	Oxidizer. Irritant. No acute toxicity data reported.	Possible asthmagen. Allergen. May cause goiter & reduced thyroid activity. Dermatitis. Chronic exposure associated with kidney, heart and lung damage.
Sodium Cyanide	P-Listed. Extremely hazardous. Poison by ingestion. Reported poisonous by contact with broken skin Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.
Sodium Deoxycholate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Dichloroindophenol	No hazardous characteristics reported.	Persistent bioaccumulative toxin.
Sodium Dichromate - Anhydrous	Oxidizer. Toxic by ingestion and skin contact. Corrosive when wet. Irritant. <b>Reported to be poisonous by contact with broken skin.</b>	Carcinogen. Mutagen.
Sodium Dichromate - Dihydrate	Oxidizer. Toxic by ingestion and skin contact. Corrosive when wet. Irritant. Reported to be poisonous by contact with broken skin.	Carcinogen. Mutagen.
Sodium Diphenylamine Sulfonate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Dithionite	Flammable solid. Water reactive. Toxic by ingestion and inhalation. Irritant.	Allergen.
Sodium Ferricyanide	Irritant. No acute toxicity data. Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.
Sodium Ferrocyanide	Irritant. No acute toxicity data. Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Fluoride	Corrosive. Poison by ingestion. Targets brain, bones, kidneys and heart. Human lethal dose for fluorides is 2.5 to 7.5 grams.	Chronic exposure to fluorine can damage bones, joints & teeth.
Sodium Fluoroacetate	Extremely poisonous by ingestion. Reported poison by skin contact & inhalation. Use is banned in many countries including the U.S.	Teratogen. Mottled teeth. Brittle bones.
Sodium Hexametaphosphate	Irritant. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hydroxide - Solid	Corrosive. Severe body tissue damage. Reacts with water generating heat.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hydroxide - solution (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hydroxide - solution (>6 molar )	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hydroxide - solution (1 M to 6 M)	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hypochlorite - Solution (<6%)	Corrosive. Toxic by ingestion & inhalation. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Hypochlorite - Solution (>6%)	Corrosive. Toxic by ingestion & inhalation. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Iodate	Oxidizer. Irritant. No acute toxicity data reported. Probable lethal dose for humans is 50-500 mg/kg.	Prolonged exposure can damage kidneys, liver, spleen.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Iodide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Lactate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Lauryl Sulfate	Slightly toxic by ingestion. Irritant. Sensitizer.	Allergen.
Sodium Metabisulfite	Severe Irritant. Toxic by ingestion. Reported fatal dose is estimated to be 10 grams. Reacts with acids to form toxic sulfur dioxide gas.	Possible asthmagen. Allergen.
Sodium Metasilicate	Corrosive. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Molybdate - Anhydrous	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Molybdate - Dihydrate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Nitrate	Oxidizer. Slightly toxic by ingestion.	Mutagen.
Sodium Nitrite	Oxidizer. Toxic by ingestion and inhalation. Irritant.	Mutagen.
Sodium Nitroferricyanide	Poison. May be fatal if inhaled, ingested or absorbed through skin. Reacts with acids to form poisonous cyanide gas.	Persistent bioaccumulative toxin.
Sodium Oleate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Oxalate	Corrosive. Irritant. Reported toxic by ingestion and inhalation. Lethal dose is 15 - 30 grams.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Perborate	Oxidizer. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Perchlorate	Oxidizer. Slightly toxic by ingestion. Irritant.	Toxic effects on blood, liver kidneys, thyroid gland reported.
Sodium Peroxide	Water reactive. Corrosive. Oxidizer. Severe Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Phosphate - Dibasic - Anhydrous	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Phosphate - Dibasic - Heptahydrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Phosphate - Monobasic	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Phosphate - Tribasic	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Polyacrylate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Rhodizonate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Salicylate	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Silicate	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sodium Sulfamate	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Sodium Sulfate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Sulfide	Combustible. Toxic by ingestion, inhalation and skin contact. Reacts with acids to form poisonous and flammable hydrogen sulfide gas.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Sulfite	Toxic by ingestion. Estimated fatal dose is 0.5 to 5g/kg	Mutagen.
Sodium Tartrate Anhydrous	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Tartrate Dihydrate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Thiocyanate	Slightly toxic by ingestion.	Chronic poisoning possible.
Sodium Thiosulfate - Anhydrous	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Thiosulfate - Pentahydrate	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Sodium Tungstate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Stannic Chloride	Corrosive. Toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Stannous Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Starch	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Stearic Acid - Laboratory Grade	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Stearic Acid - Reagent Grade	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Streptomycin Sulfate	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Strontium	Air Reactive. Water reactive. Flammable. Store under naphtha or other liquid hydrocarbons.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Bromide	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Carbonate	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Chloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Hydroxide Octahydrate	Corrosive. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Hydroxide Solution	Corrosive. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Strontium Nitrate	Corrosive. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Strychnine	Poison by ingestion. Allergen. Convulsive.	No confirmed human disease-related or reproductive hazard data reported.
Styrene	Flammable. Slightly toxic by inhalation and ingestion. Irritant.	Carcinogen.
Succinic Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sucrose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sudan III	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Sudan III Solution	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sudan IV	Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sudan IV Solution	Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sudan Yellow	Toxic by ingestion.	Carcinogen. Teratogen.
Sulfamic Acid	Corrosive. Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sulfanilamide	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Sulfanilic Acid	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Sulfosalicylic Acid	Slightly toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sulfur - Precipitated	Flammable solid. Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Sulfur Dioxide	Poison by inhalation Corrosive gas.	Mutagen.
Sulfur Hexafluoride	Nonflammable gas. Inert when pure. Powerful greenhouse gas.	No confirmed human disease-related or reproductive hazard data reported.
Sulfurated Potash	Flammable solid. Severe Irritant. Forms poisonous hydrogen sulfide gas when swallowed. Corrosive in contact with water.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Sulfuric Acid (<1 molar)	Severe irritant. No acute toxicity data at this low concentration.	No confirmed human disease-related or reproductive hazard data reported.
Sulfuric Acid (>6 molar)	Corrosive. Oxidizer. Poisonous by inhalation of mists. Slightly toxic by ingestion.	Erosion of teeth. Chronic lung impairment.
Sulfuric Acid (1 molar to 6 molar)	Corrosive. Slightly toxic by ingestion.	Erosion of teeth. Chronic lung impairment.
Talc	Irritant. No acute toxicity data reported.	Can contain asbestos, a carcinogen.
Tannic Acid	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Tartaric Acid	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Tert-Butanol	Flammable. Slightly toxic by skin contact & ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Testosterone	Controlled substance. Steroid. Theft risk.	Carinogen. Mutagen. Teratogen.
Testosterone Propionate	Controlled substance. Steroid. Theft risk. Slightly toxic by ingestion.	Carcinogen.
Tetrabromoethane	Poison by inhalation. Slightly toxic by ingestion & skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Tetracycline Hydrochloride	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Tetrafluoroethylene	Explosive risk from peroxide formation. Flammable liquified gas.	No confirmed human disease-related or reproductive hazard data reported.
Tetrahydrofuran	Explosion risk from peroxide formation. Flammable. Slightly toxic by inhalation and ingestion. Irritant.	Reports of injury to liver and kidneys from chronic exposure.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Tetramethyl-p-phenylenediamine Dihydrochloride	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Thallium	Poison by inhalation, ingestion and skin contact.	No confirmed human disease-related or reproductive hazard data reported.
Thermit	Flammable solid. Violent high temperature reaction when set off by thermite igniting mixture.	No confirmed human disease-related or reproductive hazard data reported.
Thermit Igniting Sticks	Flammable solid.	No confirmed human disease-related or reproductive hazard data reported.
Thiamine Hydrochloride	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Thimerosal	Toxic by ingestion. Mercury compounds are banned from Washington schools.	No confirmed human disease-related or reproductive hazard data reported.
Thioacetamide	Toxic by ingestion.	Carcinogen. Mutagen.
Thionin	Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Thionyl Chloride	Corrosive. Water reactive. Toxic by inhalation.	Pneumonitis. Dermatitis.
Thiourea	Irritant. Toxic by ingestion.	Carcinogen. Mutagen. Allergen. Liver damage & enlarged thyroid gland.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Thorium Nitrate	Radioactive. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.
Thymol	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Thymol Blue	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Thymolphthalein	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Thymolphthalein Solution	Flammable	No confirmed human disease-related or reproductive hazard data reported.
Thyroxine	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Tin - Metal Lump	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Tin - Powder	Combustible solid.	No confirmed human disease-related or reproductive hazard data reported.
Tin Oxide	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Titanium Dioxide	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Titanium Tetrachloride	Water reactive. Corrosive. Poison by inhalation.	Permanent lung scarring.
Titanium Trichloride	Air reactive. Water reactive. Corrosive. Reacts with water to release corrosive hydrogen chloride fumes.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Tollen's Reagent	Explosion risk. Reagent must be freshly prepared and never stored for more than 2 hours. Acidify immediately within 2 hours of preparation or it will form explosive silver fulminate.	No confirmed human disease-related or reproductive hazard data reported.
Toluene	Flammable. Slightly toxic by ingestion & inhalation. Irritant. <b>Reported to be poison by skin contact.</b>	Damage to liver, kidneys. Anemia. Drug precursor.
Toluidine Blue O	No acute toxicity data reported	No confirmed human disease-related or reproductive hazard data reported.
Toluidine, o-	Combustible. Toxic by ingestion. Slightly toxic by skin contact. Irritant.	Carcinogen.
Tricaine Methanesulfonate	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Trichloroacetic Acid	Corrosive. Toxic by ingestion.	Persistent bioaccumulative toxin. Erosion of teeth. Chronic lung impairment.
Trichloroethane	Slightly toxic by ingestion and inhalation. Irritant.	Persistent bioaccumulative toxin.
Trichloroethylene	Slightly toxic by inhalation.	Carcinogen. Mutagen. Persistent bioaccumulative toxin. Liver, kidney, nervous system effects.
Trichlorotrifluoroethane	Irritant. No acute toxicity data reported	Persistent bioaccumulative toxin. Ozone depleter.
Triethanolamine	Irritant. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Triethyl Phosphate	Cholinesterase inhibitor. Slightly toxic by ingestion. Irritant.	Uncontrollable twitching. Possible seizures.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Triethylamine	Flammable. Toxic by ingestion, inhalation & skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Trimethylamine	Flammable liquid. Toxic by ingestion. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Trinitrobenzene	Explosive. Flammable solid. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Trinitrotoluene	Explosive. Flammable Solid.	No confirmed human disease-related or reproductive hazard data reported.
Triphenyl Tetrazolium Chloride	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Tris-Hydroxymethyl Aminomethane	Irritant. No acute toxicity data.	No confirmed human disease-related or reproductive hazard data reported.
Triton X-100	Irritant. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Turpentine	Flammable. Irritant. Toxic by inhalation.	No confirmed human disease-related or reproductive hazard data reported.
Tyrosine	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Universal Indicator	Flammable. Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Uranium	Radioactive. Air reactive. Flammable solid. Toxic by inhalation and ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Uranyl Acetate	Radioactive. Toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Uranyl Nitrate	Radioactive. Corrosive. Oxidizer.	No confirmed human disease-related or reproductive hazard data reported.



Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Urea	Irritant. No acute toxicity data reported.	Mutagen.
Urease	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Urethane	Slightly toxic by ingestion.	Carcinogen. Mutagen.
Vanadium Pentoxide	P-listed. Extremely hazardous. Poison by inhalation and ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Vegetable Oil	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.
Vinyl Chloride	Explosion risk from peroxide formation. Flammable. Severe irritant. Toxic by ingestion.	Carcinogen. Mutagen. Teratogen.
Vinyl Ether	Explosion risk from peroxide formation. Flammable. No acute toxicity data reported.	Liver damage.
Winkler's Solution #1	Slightly toxic by ingestion.	No confirmed human disease-related or reproductive hazard data reported.
Winkler's Solution #2	Corrosive. Toxic by skin contact & by ingestion. Causes blindness in contact with eye tissues.	No confirmed human disease-related or reproductive hazard data reported.
Wood's Metal	Neurotoxin if inhaled as dust or fume. Toxicity data of constituents not reflective of usual form as solid amalgamated sticks. Irritant.	Contains cadmium, a known carcinogen.
Wright's Stain	Toxic by ingestion.	Persistent bioaccumulative toxin.
Wright's Stain Solution	Flammable. Toxic by ingestion.	Persistent bioaccumulative toxin.
Xylene	Flammable. Slightly toxic by inhalation, ingestion and skin contact. Irritant.	No confirmed human disease-related or reproductive hazard data reported.
Xylose	No hazardous characteristics reported.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Yttrium Oxide	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Zenker's Fixative	Poison by ingestion. Toxic by skin contact. Corrosive. Oxidizer. Mercury compounds are banned from Washington schools.	Carcinogen. Mutagen. Teratogen.
Zeolite	Irritant. No acute toxicity data reported.	No confirmed human disease-related or reproductive hazard data reported.
Zinc - Metal Lump	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Zinc - Powder	Water reactive. Flammable solid. Irritant.	Persistent bioaccumulative toxin.
Zinc Acetate	Slightly toxic via ingestion. Irritant.	Persistent bioaccumulative toxin.
Zinc Carbonate	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Zinc Carbonate - Basic	Irritant. No acute toxicity data reported.	Persistent bioaccumulative toxin.
Zinc Chloride	Corrosive. Toxic by inhalation and ingestion.	Persistent bioaccumulative toxin.
Zinc Nitrate - Anhydrous	Oxidizer. Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Zinc Nitrate - Hexahydrate	Oxidizer. Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Zinc Oxide	No hazardous characteristics reported.	Persistent bioaccumulative toxin.
Zinc Stearate	No hazardous characteristics reported.	Persistent bioaccumulative toxin.

Chemical Name	Acute Exposure Hazards	Chronic Exposure Hazards
Zinc Sulfate - 7-Hydrate	Slightly toxic by ingestion.	Persistent bioaccumulative toxin.
Zinc Sulfate - Anhydrous	Slightly toxic by ingestion. Irritant.	Persistent bioaccumulative toxin.
Zinc Sulfate - Monohydrate	Slightly toxic by ingestion. Irritant.	Persistent bioaccumulative toxin.
Zinc Sulfide	Toxic by inhalation, ingestion and skin contact. Reacts with acids to form poisonous and ignitable hydrogen sulfide gas.	Persistent bioaccumulative toxin.
Zirconium Tetranitrate	Oxidizer. Slightly toxic by inhalation and ingestion.	No confirmed human disease-related or reproductive hazard data reported.

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Abscisic Acid	1	Elementary demo.	O-1
Acetal	Ban Candidate	Not needed	O-3 Flam Cabinet
Acetaldehyde	Ban Candidate	Not needed.	O-3 Flam Cabinet
Acetamide	2	Junior High	O-2
Acetanilide	3	High	O-2
Acetic Acid (<1 Molar)	0	All grades	Misc
Acetic Acid (>6 Molar)	3	High	O-1 Flam Cabinet
Acetic Acid (1 Molar to 6 Molar)	2	Junior High	O-1
Acetic Anhydride	4	Restricted - High School w/ CHO approval. Limit amount to 100 milliliters.	O-1 Flam Cabinet
Aceto Carmine	2	Junior High	O-9
Acetone	2	Junior High	O-4 Flam Cabinet
Acetonitrile	3	Not needed	O-7 Flam Cabinet
Aceto-Orcein Solution	3	High	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Acetyl Chloride	Ban Candidate	Not needed	O-4 Acid Cabinet
Acetylcholine Bromide	2	Junior High	O-9
Acetylcholine Bromide Solution	2	Junior High	O-9
Acetylcholine Chloride	2	Junior High	O-9
Acetylcholine Chloride Solution	2	Junior High	O-9
Acetylene	3	Not for use in labs. Restrict to welding in shops.	Gas - Flammable
Acetylsalicylic Acid	2	Junior High	O-1
Acridine Orange	2	Junior High	O-9
Acrolein	Ban Candidate	Not needed	O-3 Flam Cabinet
Acrylamide	Ban Candidate	Not needed.	O-2
Acrylic Acid	Ban Candidate	Not needed	O-1 Flam Cabinet
Acrylonitrile	Ban Candidate	Not needed	O-7 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Adenine	3	High	O-2
Adenosine Triphosphate	3	High	O-2
Adipic Acid	2	Junior High	O-1
Adipoyl Chloride	3	High	O-1
Adipoyl Chloride - Hexane Solution	3	High	O-3 Flam Cabinet
Adrenaline	Ban Candidate	Not needed	O-2
Adrenaline Chloride Solution	Ban Candidate	Not needed	O-2
Agar	1	Elementary demo.	Misc
Agarose	1	Elementary demo.	Misc
Aitch-tu-ess Cartridges	3	High	I-5 Flam Cabinet
Alanine, DL-	2	Junior High	O-1
Alanine, L-	2	Junior High	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Albumin	1	Elementary demo.	O-2
Alconox	2	Junior High	Sink area
Alizarin	2	Junior High	O-9
Alizarin Red S	2	Junior High	O-9
Alizarin Yellow R	2	Junior High	O-9
Alkaline Iodide Azide	Ban Candidate	Not needed.	I-4 Base Cabinet
Alkaline Potassium Iodide	2	Junior High	I-4 Base Cabinet
Allyl Chloride	Ban Candidate	Not needed	O-7 Flam Cabinet
Aluminon	2	Junior High	O-1
Aluminum - Metal Lump	0	All grades	I-1
Aluminum - Powder	3	Restricted: High School w/ CHO approval. Limit to advanced placement chemistry. Limit purchase/stock to 100 grams or less.	I-1

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Aluminum Ammonium Sulfate	2	Junior High	I-2
Aluminum Chloride - Anhydrous	Ban Candidate	Not needed.	I-2
Aluminum Chloride - Hexahydrate	3	High	I-2
Aluminum Hydroxide	2	Junior High	I-4 Base Cabinet
Aluminum Nitrate - Anhydrous	2	Junior High	I-3
Aluminum Nitrate - Nonahydrate	2	Junior High	I-3
Aluminum Oxide	2	Junior High	I-4
Aluminum Potassium Sulfate	2	Junior High	I-2
Aluminum Sodium Sulfate	2	Junior High	I-2
Aluminum Sulfate - 18 hydrate	2	Junior High	I-2
Aluminum Sulfate - Anhydrous	2	Junior High	I-2
Aminodiphenyl, 4-	Ban Candidate	Not needed.	O-2
Ammonium Acetate	2	Junior High	I-2



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Ammonium Bicarbonate	2	Junior High	I-4
Ammonium Bifluoride	Ban Candidate	Not needed	I-2
Ammonium Bromide	2	Junior High	I-2
Ammonium Carbonate	2	Junior High	I-4
Ammonium Chloride	2	High	I-2
Ammonium Chromate	3	Not needed. Restricted: High School w/ CHO approval	I-8
Ammonium Citrate	2	Junior High	I-2
Ammonium Dichromate	3	Not needed. Restricted: High School w/ CHO approval	I-8
Ammonium Fluoride	3	Not needed. Restricted: High School w/ CHO approval	I-2
Ammonium Hydroxide (<1 Molar)	2	Junior High	I-4
Ammonium Hydroxide (>6 Molar)	3	High	I-4 Base Cabinet
Ammonium Hydroxide (1 Molar to 6 Molar)	2	Junior High	I-4 Base Cabinet
Ammonium Iodide	2	Junior High	I-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Ammonium Metavanadate	Ban Candidate	Not needed	I-8
Ammonium Molybdate	2	Junior High	I-8
Ammonium Nitrate	3	Restricted: High School w/ CHO approval	I-3 Separate
Ammonium Nitrite	Ban Candidate	Not needed.	I-3
Ammonium Oxalate - Anhydrous	3	High	I-2
Ammonium Oxalate - Monohydrate	3	High	I-2
Ammonium Perchlorate	Ban Candidate	Not needed	I-6
Ammonium Persulfate	3	Not needed	I-6
Ammonium Phosphate - Dibasic	2	Junior High	I-2
Ammonium Phosphate - Monobasic	2	Junior High	I-2
Ammonium Polysulfide	Ban Candidate	Not needed.	I-5
Ammonium Sulfate	2	Junior High	I-2
Ammonium Sulfide	Ban Candidate	Not needed.	I-5

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Ammonium Tartrate	2	Junior High	I-2
Ammonium Thiocyanate	2	Junior High	I-7
Amyl Acetate	3	High	O-3 Flam Cabinet
Amylase	2	Junior High	O-2
Anasol	Ban Candidate	Not needed.	I-8 Acid Cabinet
Anhydrous Ammonia	Ban Candidate	Not needed	Gas - Poison
Aniline	Ban Candidate	Not needed	O-2
Aniline Acetate	Ban Candidate	Not needed	O-1
Aniline Blue	2	Junior High	O-9
Aniline Hydrochloride	Ban Candidate	Not needed.	O-2
Anthracene	Ban Candidate	Not needed	O-3
Anthranilic Acid	2	High	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Antimony - Metal Lump	2	Junior High	I-1
Antimony - Powder	Ban Candidate	Not needed.	I-1
Antimony Potassium Tartrate	2	Junior High	I-2
Antimony Trichloride	Ban Candidate	Not needed.	I-2
Arabinose	2	Junior High	O-2
Arginine	2	Junior High	O-9
Arsenic - Metal Lump	Ban Candidate	Not needed	I-1
Arsenic - Powder	Ban Candidate	Not needed	I-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Arsenic Trioxide	Ban Candidate	Not needed	I-4
Arsine	Ban Candidate	Not needed	Poison Gas
Asbestos	Ban Candidate	Not needed	I-1
Ascarite	3	Not needed	I-4
Ascorbic Acid	0	All grades	O-1
Asparagine	2	Junior High	O-1
Aspartic Acid	2	Junior High	O-1
Barfoed Reagent	2	Junior High	O-1
Barium - Metal Lump	Ban Candidate	Not needed.	I-1
Barium - Powder	Ban Candidate	Not needed	I-1
Barium Acetate	3	Not needed	I-2
Barium Carbonate	3	High	I-4

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Barium Chloride	2	Junior High	I-2
Barium Chromate	Ban Candidate	Not needed.	I-8
Barium Hydroxide	3	High	I-4
Barium Nitrate	3	High	I-3
Barium Peroxide	4	Not needed	I-6
Barium Sulfate	2	Junior High	I-2
Benedict's Reagent	2	Junior High	I-2
Benzaldehyde	3	High	O-3 Flam Cabinet
Benzene	Ban Candidate	Not needed.	O-3 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Benzidine	Ban Candidate	Not needed	O-2
Benzoic Acid	2	Junior High	O-1
Benzoin	3	High	O-4
Benzonitrile	4	Restricted: High School w/ CHO approval	O-7 Flam Cabinet
Benzophenone	3	High	O-4
Benzoyl Chloride	Ban Candidate	Not needed.	O-4 Flam Cabinet
Benzoyl Peroxide	Ban Candidate	Not needed.	O-6
Benzyl Alcohol	3	High	O-2 Flam Cabinet
Benzylaminopurine	3	High	O-9
Beryllium - Metal Lump	4	Not needed	I-1
Beryllium - Powder	Ban Candidate	Not needed.	I-1
Beryllium Hydroxide	Ban Candidate	Not needed.	I-4

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Beryllium Oxide	Ban Candidate	Not needed.	I-4
Beryllium Sulfate	Ban Candidate	Not needed.	I-2
Bile Salts	2	Junior High	O-1
Bismarck Brown Y	2	Junior High	O-9
Bismuth - Metal Lump	2	Junior High	I-1
Bismuth - Powder	3	Not needed	I-1
Bismuth Nitrate	2	Junior High	I-3
Bismuth Subnitrate	2	Junior High	I-3
Bismuth Trichloride	3	High	I-2
Biuret	2	Junior High	O-2
Biuret Reagent	2	Junior High	I-4 Base Cabinet
Boric Acid	2	Junior High	I-9



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Boron Trichloride	Ban Candidate	Not needed	Poison Gas
Bouin's Fixative	Ban Candidate	Not needed.	O-1
Brilliant Cresyl Blue	3	High	O-9
Brilliant Green	3	High	O-9
Bromine	4	Restricted: High School w/ CHO approval. Purchase prediluted as bromine water. Limit amount of concentrate to 10 grams.	I-2 Acid Cabinet
Bromine Water	3	Restricted: High School w/ CHO approval	I-2 Acid Cabinet
Bromobenzene	4	Restricted: AP Chemistry in High school with CHO approval. Limit quantity to 100 milliliters.	O-4 Flam Cabinet
Bromobutane	3	Not needed	O-4 Flam Cabinet
Bromocresol Green	2	Junior High	O-9
Bromocresol Purple	2	Junior High	O-9
Bromoform	4	Restricted: AP Chemistry High School w/ CHO approval	O-4
Bromphenol Blue	2	Junior High	O-9

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Bromthymol Blue	2	Junior High	O-9
Butadiene	Ban Candidate	Not needed	Poison Gas
Butanol, 1-	3	High	O-2 Flam Cabinet
Butanol, 2-	3	High	O-2 Flam Cabinet
Butoxyethanol	3	Not needed	O-2 Flam Cabinet
Butyl Acetate	3	High	O-3 Flam Cabinet
Butyl Stearate	3	High	O-3
Butylated Hydroxytoluene	2	Junior High	O-8
Butyraldehyde	4	Not needed	O-3 Flam Cabinet
Butyric Acid	3	Restricted: High School w/ CHO approval. Limit amount in storage to 50 mls.	O-1 Flam Cabinet
Cadmium - Metal Lump	4	High	I-1
Cadmium - Powder	Ban Candidate	Not needed.	I-1
Cadmium Chloride - Anhydrous	Ban Candidate	Not needed.	I-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Cadmium Chloride - Pentahydrate	Ban Candidate	Not needed.	I-2
Cadmium Nitrate - Anhydrous	Ban Candidate	Not needed.	I-3
Cadmium Nitrate - Tetrahydrate	Ban Candidate	Not needed.	I-3
Cadmium Oxide	Ban Candidate	Not needed.	I-4
Cadmium Sulfate - Anhydrous	Ban Candidate	Not needed.	I-2
Cadmium Sulfate - Octahydrate	Ban Candidate	Not needed.	I-2
Caffeine	3	High	O-2
Calcium - Metal Lump	3	High	I-1
Calcium - Powder	Ban Candidate	Not needed	I-1
Calcium Acetate	2	Junior High	I-2
Calcium Bromide	2	Junior High	I-2
Calcium Carbide	3	Restricted: High School w/ CHO approval. Limit amount in storage to 100 grams.	I-5
Calcium Carbonate	2	Junior High	I-4
Calcium Chloride	2	Junior High	I-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Calcium Chloride	2	Junior High	I-2
Calcium Cyanide	Ban Candidate	Not needed.	I-7
Calcium Fluoride	3	High	I-2
Calcium Gluconate	2	Junior High	Misc
Calcium Hydroxide	2	Junior High	I-4
Calcium Hypochlorite	3	High	I-6
Calcium Iodide	2	Junior High	I-2
Calcium Nitrate - Anhydrous	3	High	I-3
Calcium Nitrate - Hydrate	2	Junior High	I-3
Calcium Oxide	2	Junior High	I-4
Calcium Phosphate, Dibasic	2	Junior High	I-2
Calcium Phosphate, Monobasic	2	Junior High	I-2
Calcium Phosphate, Tribasic	2	Junior High	I-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Calcium Sulfate - Dihydrate	0	All grades	I-2
Calcium Sulfate - Hemihydrate	0	All grades	I-2
Calcium Sulfide	3	Not needed	I-5
Calmagite	2	Junior High	Misc
Camphor	3	Not needed	O-4
Canadian Balsam	2	Junior High	Misc
Canadian Balsam in Xylene	2	Junior High	O-3 Flam Cabinet
Carbol Fuchsin	3	High	O-8 Flam Cabinet
Carbon	2	Junior High	I-4
Carbon Black	2	Junior High	I-4
Carbon Disulfide	Ban Candidate	Not needed	I-5 Flam Cabinet
Carbon Monoxide	Ban Candidate	Not needed	Poison Gas

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Carbon Tetrachloride	Ban Candidate	Not needed	O-4
Carbonyl Sulfide	Ban Candidate	Not needed	Poison Gas
Carmine	2	Junior High	O-9
Carnauba Wax	0	All grades	Misc
Carnoy's Fixative	Ban Candidate	Not needed.	O-4 Flam Cabinet
Casein	2	Junior High	Misc
Catalase	2	Junior High	Misc
Catechol	Ban Candidate	Not needed	O-8
Cedarwood Oil	2	Junior High	O-3
Cellulose	1	Elementary demo.	Misc
Cerium Ammonium Nitrate	2	Not needed	I-3
Cesium Chloride	2	High	I-2
Cetyl Alcohol	2	Junior High	O-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Charcoal	2	Junior High	I-4
Chloral Hydrate	Ban Candidate	Not needed	O-2
Chloretone	Ban Candidate	Not needed	O-4
Chlorine	4	Restricted: High School. Purchase prediluted chlorine water	Gas - Poison
Chlorine Trifluoride	Ban Candidate	Not needed	Gas - Poison
Chlorine Water	3	High	I-2 Acid Cabinet
Chlorobenzene	3	High	O-4 Flam Cabinet
Chloroethanol	Ban Candidate	Not needed.	O-4 Flam Cabinet
Chloroform	Ban Candidate	Not needed.	O-4
Chlorophenol	Ban Candidate	Not needed	O-8
Chlorophenol Red	1	High	O-9
Chlorophyllin	2	Junior High	O-9

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Chloroprene	Ban Candidate	Not needed.	O-4 Flam Cabinet
Chloropromazine	Ban Candidate	Not needed	O-2
Chlorosulfonic Acid	Ban Candidate	Not needed.	O-1
Cholesterol	2	Junior High	Misc
Chromatography Solvent	2	Junior High	O-2 Flam Cabinet
Chromic Acid	4	Restricted: High School w/ CHO approval. Limit amount in storage to 100 mls.	I-8 Acid Cabinet
Chromium - Metal Lump	2	Junior High	I-1
Chromium - Powder	4	Not needed	I-1
Chromium Chloride - Anhydrous	2	Junior High	I-2
Chromium Chloride - Hydrate	2	Junior High	I-2
Chromium Nitrate	2	Junior High	I-3
Chromium Oxide	2	Junior High	I-4
Chromium Potassium Sulfate - Anhydrous	2	Junior High	I-2



<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Chromium Potassium Sulfate - Dodecahydrate	2	Junior High	I-2
Chromium Sulfate	2	Junior High	I-2
Chromium Trioxide	4	Restricted: High School w/ CHO approval	I-4
Chy-Max	0	All grades	Misc
Cinnamaldehyde	3	High	O-3
Citric Acid	2	Junior High	O-1
Clayton Yellow	2	Junior High	O-9
Clove Oil	3	High	O-8
Cobalt - Metal Lump	2	Junior High	I-1
Cobalt - Powder	Ban Candidate	Not needed	I-1
Cobalt Carbonate	2	Junior High	I-4
Cobalt Chloride - Anhydrous	3	High	I-2
Cobalt Chloride - Hydrate	3	High	I-2
Cobalt Nitrate - Anhydrous	3	High	I-3

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Cobalt Nitrate - Hydrate	2	Junior High	I-3
Cobalt Oxide	3	High	I-4
Cobalt Sulfate	2	Junior High	I-2
Colchicine	Ban Candidate	Not needed.	O-2
Collodion	Ban Candidate	Not needed	O-4 Flam Cabinet
Congo Red	3	High	O-9
Copper - Metal Lump	0	All grades	I-1
Copper - Powder	3	High	I-1
Copper Acetate - Anhydrous	3	High	I-2
Copper Acetate - Hydrate	2	Junior High	I-2
Copper Bromide	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Copper Carbonate	2	Junior High	I-4
Copper Chloride - Anhydrous	3	High	I-2
Copper Chloride - Dihydrate	2	Junior High	I-2
Copper Hydroxide	2	Junior High	I-4
Copper Nitrate - Anhydrous	3	High	I-3
Copper Nitrate - Hemipentahydrate	2	Junior High	I-3
Copper Nitrate - Trihydrate	2	Junior High	I-3
Copper Sulfate	2	High	I-2
Creatine	2	Junior High	O-1
Creatinine	2	Junior High	O-9
Creosote	4	Restricted: High School w/ CHO approval	O-8 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Cresol	Ban Candidate	Not needed	O-1 Flam Cabinet
Cresol Purple	2	Junior High	O-9
Cresol Red	2	Junior High	O-9
Cresol Red, Sodium Salt	2	Junior High	O-9
Crystal Violet	2	Junior High	O-9
Cumene	Ban Candidate	Not needed	O-4 Flam Cabinet
Cupric Cyanide	Ban Candidate	Not needed	I-7
Cupric Oxide	2	Junior High	I-4
Cupric Sulfide	3	High	I-5
Cuprous Acetate	2	Junior High	I-2
Cuprous Chloride	2	Junior High	I-2
Cuprous Cyanide	Ban Candidate	Not needed	I-7
Cuprous Oxide	2	Junior High	I-4
Cuprous Sulphide	3	High	I-5

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Cyanogen Bromide	Ban Candidate	Not needed	O-4
Cyclohexane	3	High	O-3 Flam Cabinet
Cyclohexanol	3	Restricted: High School w/ CHO approval. Limit to 100 mls.	O-2 Flam Cabinet
Cyclohexanone	3	High	O-4 Flam Cabinet
Cyclohexene	4	Restricted: High School w/ CHO approval. Limit amount in storage to 100 mls.	O-3 Flam Cabinet
Cysteine	2	Junior High	O-1
Decanoic Acid	3	High	O-1
Denatured Alcohol	3	High	O-2 Flam Cabinet
Dextrin	2	Junior High	Misc
Dextrose	1	Elementary demo.	O-2
Diastase of Malt	2	Junior High	O-2
Diatomaceous Earth	2	Junior High	Misc

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Dibromo-3-chloropropane, 1,2-	Ban Candidate	Not needed	O-3
Dibutyl Phthalate	4	Restricted: High School w/ CHO approval	O-3
Dichlorobenzidine	Ban Candidate	Not needed	O-2
Dichloroethane	4	Restricted: High School w/ CHO approval	O-4 Flam Cabinet
Dichloroindophenol, Sodium Salt	2	Junior High	O-8
Dichlorophenoxy Acetic Acid	4	Not needed	O-1
Diethylamine	4	Restricted: High School w/ CHO approval	O-2 Flam Cabinet
Dimethyl Aniline	Ban Candidate	Not needed	O-2 Flam Cabinet
Dimethyl Sulfoxide	4	Restricted: High School w/ CHO approval	O-7
Dimethylaminoazobenzene, 4-	Ban Candidate	Not needed	O-2
Dimethylglyoxime	3	High	O-2
Dimethylglyoxime Solution	3	High	O-2 Flam Cabinet

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Dinitrophenol	Ban Candidate	Not needed	O-8
Dinitrophenyl Hydrazine	Ban Candidate	Not needed	O-4
Dioxane	Ban Candidate	Not needed	O-4 Flam Cabinet
Diphenylamine	3	High	O-2
Dithizone	3	High	O-2
Dodecanol	2	Junior High	O-2
Drierite	2	Junior High	Misc
Duplicating Fluid	3	High	O-2 Flam Cabinet
Eosin Y	2	Junior High	O-9
Eriochrome Black T	2	Junior High	O-9
Erythrosin B	2	Junior High	O-9
Estrone	Ban Candidate	Not needed	O-4

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Ethanol	2	Junior High	O-2 Flam Cabinet
Ethanolamine	Ban Candidate	Not needed	O-2
Ethidium Bromide	3	Restricted: High School w/ CHO approval	O-2
Ethoxyethanol	4	Restricted: High School w/ CHO approval	O-2
Ethyl Acetate	3	High	O-3 Flam Cabinet
Ethyl Chloride	Ban Candidate	Not needed	O-4 Flam Cabinet
Ethyl Ether	Ban Candidate	Not needed	O-4 Flam Cabinet
Ethyl Iodide	3	Not needed	O-4 Flam Cabinet
Ethyl Nitrate	Ban Candidate	Not needed	O-3 Explosive
Ethylene Glycol	2	Junior High	O-2
Ethylene Oxide	Ban Candidate	Not needed	Gas - Flammable



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Ethylenediamine	Ban Candidate	Not needed	O-3 Flam Cabinet
Ethylenediamine Tetraacetic Acid	2	Junior High	O-1
Ethyleneimine	Ban Candidate	Not needed	O-2 Flam Cabinet
FAA Solution	3	High	O-2 Flam Cabinet
Fast Green	2	Junior High	O-9
Fehling's Solution A	2	Junior High	I-2
Fehling's Solution B	2	Junior High	I-4 Base Cabinet
Ferric Ammonium Citrate	2	Junior High	I-2
Ferric Ammonium Sulfate	2	Junior High	I-2
Ferric Oxide	2	Junior High	I-4
Ferric Sulfate	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Ferriin Solution	2	Junior High	Misc
Ferrous Oxide	2	Junior High	I-4
Ferrous Sulfate, Anhydrous	3	High	I-2
Ferrous Sulfate, Heptahydrate	3	High	I-2
Fluorescein	2	Junior High	O-9
Formaldehyde	Ban Candidate	Not needed	O-3
Formalin	3	Restricted: Only allowed as residual in preserved specimens. Not allowed in liquid form.	O-3
Formaldehyde	2	Junior High	Misc
Formamide	4	Restricted: High School w/ CHO approval	O-2
Formic Acid	3	High	O-1 Flam Cabinet
Fructose	0	All grades	O-2
Fuchsin Acid	2	Junior High	O-1

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Fuchsin Basic	2	Junior High	O-9
Fuller's Earth	2	Junior High	Misc
Fumaric Acid	3	High	O-1
Furfural	4	Not needed	O-3 Flam Cabinet
Galactose	0	All grades	O-2
Gallium - Metal Lump	3	High	I-1
Gastric Juice	2	Junior High	I-9
Gelatin	0	All grades	Misc
Gibberellic Acid	2	Junior High	O-1
Giemsa Stain	2	Junior High	O-9
Giemsa Stain Solution	2	Junior High	O-2 Flam Cabinet
Gilson's Fixative	Ban Candidate	Not needed	O-2 Flam Cabinet
Glucose	0	All grades	O-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Glutaraldehyde (<6%)	3	Restricted: High School w/ CHO approval	O-3
Glutaraldehyde (>6%)	4	Not needed	O-3
Glutathione	3	High	O-9
Glycerin	2	Junior High	O-2
Glycine	2	Junior High	O-1
Glycogen	2	Junior High	Misc
Glyoxal	Ban Candidate	Not needed	O-3
Glyoxal Solution	3	High	O-3
Gram's Iodine Stain	2	Junior High	O-9
Graphite	2	Junior High	I-4
Guaiacol	4	Restricted: High School w/ CHO approval	O-4
Guar Gum	1	Elementary demo.	Misc
Gum Arabic	1	Elementary demo.	O-1
Gum Rosin	2	Junior High	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Gunpowder	4	Not needed	I-4
Hayem Diluting Fluid	Ban Candidate	Not needed	I-2
Helium	1	Elementary demo.	Gas - Non Flam
Hematoxylin	2	Junior High	O-9
Heptane	3	High	O-3 Flam Cabinet
Hexachlorophene	3	Not needed	
Hexamethylenediamine	3	High	O-2 Base Cabinet
Hexamethylenediamine - Sodium Hydroxide Solution	3	High	I-4 Base Cabinet
Hexane	3	High	O-3 Flam Cabinet
Hexane/Acetone Aerosol Sprays	Ban Candidate	Not needed	O-3 Flam Cabinet
Hexanol	3	High	O-2 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Hydrazine	Ban Candidate	Not needed	O-2 Flam Cabinet
Hydrazine Sulfate	Ban Candidate	Not needed	O-2
Hydriodic Acid	4	Restricted: High School w/ CHO approval	I-9 Acid Cabinet
Hydrobromic Acid	3	High	I-9 Acid Cabinet
Hydrochloric Acid (<1 molar)	1	Elementary demo.	I-9
Hydrochloric Acid (>6 molar)	3	High	I-9 Acid Cabinet
Hydrochloric Acid (1 molar to 6 molar )	2	Junior High	I-9 Acid Cabinet
Hydrofluoric Acid	Ban Candidate	Not needed	I-9 Acid Cabinet
Hydrogen	3	Restricted: High School w/ CHO approval	Gas - Flammable

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Hydrogen Bromide	Ban Candidate	Not needed	Poison Gas
Hydrogen Chloride	Ban Candidate	Not	Poison Gas
Hydrogen Peroxide ( <4%)	1	Elementary demo.	Misc
Hydrogen Peroxide ( 20% to 30% )	3	High	I-6
Hydrogen Peroxide ( 4% to 20% )	3	High	I-6
Hydrogen Peroxide (>31% )	Ban Candidate	Not needed	I-6
Hydrogen Sulfide Gas	Ban Candidate	Not needed	Gas - Poison
Hydrogen Sulfide Water	Ban Candidate	Not	I-5
Hydroquinone	3	High	O-4
Hydroxy Naphthol Blue	2	Junior High	O-9
Hydroxylamine Hydrochloride	3	Restricted: High School w/ CHO approval	O-2
Immersion Oil	1	Elementary demo.	O-2
Immersion Oil - Containing PCBs	Ban Candidate	Not	O-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Indigo Carmine	2	Junior High	O-9
Indigo Dye	2	Junior High	O-9
Indole-3-Acetic Acid	2	Junior High	O-1
Indole-3-Butyric Acid	2	Junior High	O-1
Invertase	1	Elementary demo.	Misc
Iodine	2	Junior High	I-2
Iodine Potassium Iodide Solution	2	Junior High	I-2
Iodine Tincture	2	Junior High	O-2 Flam Cabinet
Iron - Metal Lump	0	All grades	I-1
Iron - Powder	1	Elementary demo.	I-1
Iron Chloride	2	Junior High	I-2
Iron Nitrate - 9 Hydrate	2	Junior High	I-3



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Iron Nitrate - Anhydrous	2	Junior High	I-3
Iron Sulfide	3	Restricted: High School w/ CHO approval. Limit amount in stock to 100 grams.	I-5
Isobutanol	3	High	O-2 Flam Cabinet
Isopropanol	1	Elementary demo.	O-2 Flam Cabinet
Isopropyl Ether	Ban Candidate	Not needed	O-4 Flam Cabinet
Isovaleric Acid	4	Restricted: High School w/ CHO approval	O-1
Janus Green B	2	Junior High	O-9
Kaolin	2	Junior High	I-4
Kerosene	2	Junior High	O-3 Flam Cabinet
Kinetin	2	Junior High	O-2
Kleermount in Xylene	3	High	O-3 Flam Cabinet
Knop's Solution	2	Junior High	Misc
Lactic Acid	3	High	O-1

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Lactose	0	All grades	O-2
Lanolin	1	Elementary demo.	Misc
Lanthanum Nitrate - Anhydrous	4	Restricted: High School w/ CHO approval	I-3
Lanthanum Nitrate - Hexahydrate	3	Not needed	I-3
Latex	2	Junior High	O-3
Lauric Acid	2	Junior High	O-1
Lauroyl Peroxide	Ban Candidate	Not needed	O-6
Lead - Metal Lump	2	Junior High	I-1
Lead - Powder	Ban Candidate	Not needed.	I-1
Lead Acetate - Dibasic	3	Not needed	I-2
Lead Acetate - Monobasic	3	Not needed	I-2
Lead Arsenate	Ban Candidate	Not needed	I-7

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Lead Bromide	3	Not needed	I-2
Lead Carbonate	3	Not needed	I-4
Lead Carbonate - Basic	3	Not needed	I-4
Lead Chloride	3	Not needed	I-2
Lead Chromate	Ban Candidate	Not needed	I-8
Lead Diiodide	3	Not needed	I-2
Lead Dioxide	3	Not needed	I-4
Lead Iodide	3	Not needed	I-2
Lead Monooxide	3	Not needed	I-4

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Lead Nitrate	3	Restricted: High School. Limit amount on site to 100 grams, or buy prediluted to 1 .0 molar or lower concentration.	I-3
Lead Oxide	3	Not needed	I-4
Lead Sulfate	3	Not needed	I-2
Lead Sulfide	3	Not needed	I-5
Lead Tetroxide	3	Not needed	I-4
Levulose	0	All grades	O-2
Limewater	2	Junior High	I-4
Linseed Oil	2	Junior High	O-3 Flam Cabinet
Lipase	2	Junior High	O-9
Lithium - Metal Lump	3	Restricted: High school. Limit amount on site to 10 grams.	I-1
Lithium - Powder	Ban Candidate	Not needed	I-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Lithium Aluminum Hydride	4	Not needed	I-1
Lithium Carbonate	3	Restricted: High School w/ CHO approval. Buy prediluted to 1 molar or less or limit stock to 50 grams.	I-4
Lithium Chloride	3	High	I-2
Lithium Fluoride	3	Not needed	I-2
Lithium Hydroxide - Anhydrous	3	High	I-4
Lithium Hydroxide - Monohydrate	3	High	I-4
Lithium Nitrate	2	Junior High	I-3
Lithium Sulfate - Anhydrous	2	Junior High	I-2
Lithium Sulfate - Hydrate	2	Junior High	I-2
Litmus	0	All grades	O-9
Lugol's Iodine	2	Junior High	I-2
Lull-A-Fly	3	High	O-2 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Luminol	2	Junior High	Misc
Lycopodium	3	High	O-2
Lysine HCl	2	Junior High	O-1
Lysozyme	2	Junior High	O-9
Magnesium - Metal Lump	2	Junior High	I-1
Magnesium - Powder	3	Restricted: High School w/ CHO approval	I-1
Magnesium Acetate	2	Junior High	I-2
Magnesium Bromide - Anhydrous	2	Junior High	I-2
Magnesium Bromide - Hexahydrate	2	Junior High	I-2
Magnesium Carbonate - Anhydrous	2	Junior High	I-4
Magnesium Carbonate - Hydrate	2	Junior High	I-4
Magnesium Chloride - Anhydrous	2	Junior High	I-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Magnesium Chloride - Hexahydrate	2	Junior High	I-2
Magnesium Hydroxide	2	Junior High	I-4
Magnesium Nitrate - Anhydrous	2	Junior High	I-3
Magnesium Nitrate - Hexahydrate	2	Junior High	I-3
Magnesium Oxide	2	Junior High	I-4
Magnesium Perchlorate	4	Not needed	I-6
Magnesium Sulfate	2	Junior High	I-2
Malachite Green	2	Junior High	O-9
Maleic Acid	3	High	O-1
Malonic Acid	3	High	O-1
Maltose, D- - Anhydrous	0	All grades	O-2
Maltose, D- - Monohydrate	0	All grades	O-2
Manganese - Metal Lump	2	Junior High	I-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Manganese - Powder	Ban Candidate	Not needed	I-1
Manganese (II) Chloride - Anhydrous	3	High	I-2
Manganese (II) Chloride Tetrahydrate	2	Junior High	I-2
Manganese (II) Nitrate - Anhydrous	3	High	I-3
Manganese (II) Nitrate - Tetrahydrate	2	Junior High	I-3
Manganese (II) Sulfate - Anhydrous	3	High	I-2
Manganese (II) Sulfate - Monohydrate	2	Junior High	I-2
Manganese Carbonate	3	High	I-4
Manganese Peroxide	3	High	I-6



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Mannitol	2	Junior High	O-2
Menthol	3	High	O-2
Mercaptoethanol	Ban Candidate	Not needed	O-2 Flam Cabinet
Mercuric Bichloride	Ban Candidate	Not needed	I-2
Mercuric Chloride	Ban Candidate	Not needed	I-2
Mercuric Iodide	Ban Candidate	Not needed	I-2
Mercuric Nitrate monohydrate	Ban Candidate	Not needed	I-3
Mercuric Sulfate	Ban Candidate	Not needed	I-2
Mercurochrome	Ban Candidate	Not needed	O-2
Mercurous Chloride	Ban Candidate	Not needed	I-2
Mercurous Nitrate	Ban Candidate	Not needed	I-3
Mercurous Nitrate (mercury (I) nitrate)	Ban Candidate	Not needed	I-3

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Mercurous Sulfate	Ban Candidate	Not needed	I-2
Mercury - Elemental	Ban Candidate	Restricted: Only as one wall-mounted barometer.	I-1
Mercury Oxide	Ban Candidate	Not needed	I-4
Mercury Sulfide	Ban Candidate	Not needed	I-5
Mercury Thermometers	Ban Candidate	Not needed	I-1 Separate
Methanol	3	High	O-2 Flam Cabinet
Methionine	2	Junior High	O-1
Methoxyethanol	Ban Candidate	Not needed	O-2 Flam Cabinet
Methyl Blue	2	Junior High	O-9
Methyl Bromide	Ban Candidate	Not needed	Poison Gas
Methyl Cellulose	1	Elementary demo.	O-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Methyl Ethyl Ketone	3	Not needed	O-4 Flam Cabinet
Methyl Green	2	Junior High	O-9
Methyl Iodide	Ban Candidate	Not needed	O-4 Flam Cabinet
Methyl Isobutyl Ketone	Ban Candidate	Not needed	O-4 Flam Cabinet
Methyl Isocyanate	Ban Candidate	Not needed	O-5 Flam Cabinet
Methyl Isopropyl Ketone	3	Not needed	O-4 Flam Cabinet
Methyl Mercaptan	Ban Candidate	Not needed	Poison Gas
Methyl Methacrylate	3	Not needed	O-3 Flam Cabinet
Methyl Orange	3	High	O-9
Methyl Paraben	2	Junior High	O-3
Methyl Red	2	Junior High	O-9
Methyl Red - Sodium Salt	2	Junior High	O-9
Methyl Salicylate	3	High	O-3

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Methyl Tert-Butyl Ether	Ban Candidate	Not needed	O-3 Flam Cabinet
Methyl Violet	2	Junior High	O-9
Methylamine	Ban Candidate	Not needed	O-2 Flam Cabinet
Methylchloromethyl Ether	Ban Candidate	Not needed	O-4 Flam Cabinet
Methylene Blue	2	Junior High	O-9
Methylene Chloride	4	Restricted: AP Chemistry in High school with CHO approval. Limit quantity to 100 milliliters.	O-4
Millon's Reagent	Ban Candidate	Not needed	I-9 Acid Cabinet
Mineral Oil	1	Elementary demo.	O-3 Flam Cabinet
Molisch Reagent	3	High	O-2 Flam Cabinet
Molybdenum - Metal Lump	2	Junior High	I-1
Molybdenum - Powder	4	Not needed	I-1
Molybdenum Oxide	3	High	I-4
Molybdenum Trioxide	2	Junior High	I-4
Monosodium Glutamate	3	Not needed	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Murexide	3	High	O-2
Muriatic Acid	3	High	I-9 Acid Cabinet
Naphthalene	3	Restricted: High School w/ CHO approval. Significant indoor air pollution threat. Limit stock on hand to 250 grams. Store in sealed secondary container when not in use.	O-3
Naphthalene Acetic Acid	3	High	O-1
Naphthol, 1-	4	Restricted: AP Chemistry in High school with CHO approval. Limit quantity to 10 grams.	O-8
Naphthol, 2-	4	High	O-8
Naphthol-6-Sulfonic Acid - Sodium Salt	3	Not needed	O-1
Naphthylamine	Ban Candidate	Not needed	O-2 Flam Cabinet
Naphthylethylenediamine Dihydrochloride	3	High	O-2
Neodymium Chloride	3	High	I-2
Nessler's Reagent	Ban Candidate	Not needed	I-4

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Neutral Red	2	Junior High	O-9
Niacin	2	Junior High	Misc
Nickel - Metal Lump	2	Junior High	I-1
Nickel - Powder	4	Not needed	I-1
Nickel Acetate	3	High	I-2
Nickel Ammonium Sulfate	3	High	I-2
Nickel Chloride - Anhydrous	3	High	I-2
Nickel Chloride - Hexahydrate	3	High	I-2
Nickel Monoxide	3	High	I-4
Nickel Nitrate - Anhydrous	3	High	I-3
Nickel Nitrate - Hexahydrate	3	High	I-3

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Nickel Sulfate - Anhydrous	3	High	I-2
Nickel Sulfate - Hexahydrate	3	High	I-2
Nickel Trioxide	3	High	I-4
Nicotine	Ban Candidate	Not needed	O-2
Nigrosin	3	High	O-9
Ninhydrin	3	High	O-2
Nitric Acid (<1 molar)	2	Restricted: Junior High Schools must buy pre-diluted at 1.0 molar or less.	I-9
Nitric Acid (>6 molar)	3	Restricted: High school. Limit amount of concentrated Nitric Acid in stock to 500 milliliters or less.	I-9 Acid Cabinet (Separate)
Nitric Acid (1 molar to 6 molar)	3	High	I-9 Acid Cabinet (Separate)
Nitrilotriacetic Acid	4	Not needed	O-1
Nitroacetanilide	3	Not needed	O-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Nitrobenzaldehyde	3	Not needed	O-3
Nitrobenzene	Ban Candidate	Not needed	O-3 Flam Cabinet
Nitrocellulose	3	Demo only. High school	O-3
Nitrogen	2	Junior High	Gas - Non Flam
Nitrogen Triiodide	4	Restricted: Not sold commercially. Can only be made for small demo in AP Chem with CHO approval.	O-4 Explosive
Nitroglycerin	Ban Candidate	Not needed	O-2 Explosive
Nitrophenol, 3-	3	Not needed	O-8
Nitrophenol, 4-	3	Not needed	O-8
Nitrophenylazo Resorcinol	2	High	O-8
Nitrosodimethylamine, N-	Ban Candidate	Not needed	O-2 Flam Cabinet
Octadecanol	2	Junior High	O-2



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Octanol, 1-	3	High	O-2 Flam Cabinet
Octanol, 2-	3	High	O-2 Flam Cabinet
Octyl Phenol	3	Not needed	O-1
Oleic Acid	3	High	O-1
Onion's Fusible Alloy	2	Junior High	I-1
Orange G	2	Junior High	O-9
Orange IV	2	Junior High	O-9
Orcein	2	Junior High	O-9
Orcinol	2	Junior High	O-8
Ortho-dichlorobenzene	3	Restricted: High School w/ CHO approval	O-3
Osmium Tetroxide	Ban Candidate	Not needed	I-4
Oxalic Acid - Anhydrous	3	Not needed	O-1
Oxalic Acid - Dihydrate	3	High	O-1

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Oxygen	3	High	Gas - Oxidizing
Palmitic Acid	2	Junior High	O-1
Pancreatin	2	Junior High	O-1
Papain	2	Junior High	O-9
Para-dichlorobenzene	3	Restricted: High School w/ CHO approval	O-3
Paraffin	0	All grades	O-3
Paraformaldehyde	4	Not needed	O-3
Paraldehyde	Ban Candidate	Not needed	O-3 Flam Cabinet
Paris Green	Ban Candidate	Not needed	O-9
Penicillin G Sodium	2	Junior High	O-2
Pentachlorophenol	Ban Candidate	Not needed	O-8

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Pentane	4	Restricted: High School w/ CHO approval	O-3 Flam Cabinet
Pentanol, 1-	3	High	O-2 Flam Cabinet
Pentanol, 2-	3	High	O-2 Flam Cabinet
Peppermint Oil	2	Junior High	O-3
Pepsin	2	Junior High	O-9
Peptone	2	Junior High	Misc
Perchloric Acid	Ban Candidate	Not needed	I-9 Acid Cabinet
Perchloroethylene	4	Not needed. Restricted: High School w/ CHO approval	O-4
Permunt	3	High	O-3 Flam Cabinet
Petrolatum	0	All grades	O-3
Petroleum Ether	2	Junior High	O-3 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
pH 10 Buffer - Ammonium Hydroxide	2	Junior High	I-2
pH 10 Buffer - Borate	2	Junior High	I-2
pH 10 Buffer - Clear	2	Junior High	I-2
pH 4 Buffer - Acetate	2	Junior High	I-2
pH 4 Buffer - Biphthalate	2	Junior High	I-2
pH 7 Buffer - Phosphate	2	Junior High	I-2
pH 7.4 Buffer - Tris	2	Junior High	I-2
Phenanthroline	3	High	O-2
Phenol	4	Restricted: AP Chemistry Demo in High School w/ CHO approval. Limit amount in storage to 25 grams.	O-8
Phenol Red	2	Junior High	O-9

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Phenolphthalein	2	Junior High	O-9
Phenolphthalein - Ethanol Solution	2	Junior High	O-2 Flam Cabinet
Phenyl Salicylate	2	Junior High	O-4
Phenylarsine Oxide - Solid	Ban Candidate	Not needed	O-4
Phenylarsine Oxide - Solution	3	Not needed. Restricted: High School w/ CHO approval	O-4
Phenylhydrazine Hydrochloride	4	Restricted: High School w/ CHO approval	O-2
Phenylthiocarbamide	Ban Candidate	Not needed	O-2
Phloroglucinol	3	High	O-9
Phosphomolybdic Acid	4	Restricted: High School w/ CHO approval	I-9 Acid Cabinet
Phosphoric Acid (<1 molar)	2	Junior High	I-9
Phosphoric Acid (>6 molar)	3	High	I-9 Acid Cabinet
Phosphoric Acid (1 molar to 6 molar)	3	High	I-9 Acid Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Phosphorus - Red	Ban Candidate	Not needed. Banned from sale w/o registration w/ the Drug Enforcement Administration.	I-10 Flam Cabinet
Phosphorus - White	Ban Candidate	Not needed	I-10 Flam Cabinet
Phosphorus - Yellow	Ban Candidate	Not needed	I-10 Flam Cabinet
Phosphorus Pentasulfide	Ban Candidate	Not needed	I-5
Phosphorus Pentoxide	Ban Candidate	Not needed	I-4
Phosphorus Trichloride	Ban Candidate	Not needed	I-2
Phthalic Anhydride	3	High	O-1
Physostigmine	Ban Candidate	Not needed	O-2
Picric Acid	Ban Candidate	Not needed	O-1
Polyethylene Glycol	2	Junior High	O-2
Polyurethane Foam - Part A	3	High	O-5

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Polyurethane Foam – Part B	3	High	O-5
Polyvinyl Alcohol	2	Junior High	O-2
Potassium - 0.5 gram Chips	4	Restricted: High School w/ CHO approval. Restrict amounts to small chips, 3 years supply maximum.	I-1
Potassium - Chunks	Ban Candidate	Not needed	I-1
Potassium Acetate	2	Junior High	I-2
Potassium Bicarbonate	2	Junior High	I-4
Potassium Binoxalate	3	High	I-2
Potassium Bisulfate	2	Junior High	I-2
Potassium Bitartrate	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Potassium Bromate	3	High	I-6
Potassium Bromide	2	Junior High	I-2
Potassium Carbonate - Anhydrous	2	Junior High	I-4
Potassium Carbonate - Sesquahydrate	2	Junior High	I-4
Potassium Chlorate	3	Junior High	I-6
Potassium Chloride	2	Junior High	I-2
Potassium Chromate	4	Restricted: High School w/ CHO approval. Restrict amount to 25 grams or 1.0 molar solution.	I-8
Potassium Citrate	2	Junior High	I-2
Potassium Cyanide	Ban Candidate	Not needed	I-7
Potassium Dichromate	3	Restricted: High School w/ CHO approval. Limit amount in storage to 100 grams.	I-8



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Potassium Ferricyanide	3	High	I-7
Potassium Ferrocyanide	3	High	I-7
Potassium Fluoride	4	Restricted: High School w/ CHO approval	I-2
Potassium Hydrogen Phthalate	2	Junior High	O-4
Potassium Hydroxide - Solid	3	High	I-4 Base Cabinet
Potassium Hydroxide (<1 molar)	2	Junior High	I-4
Potassium Hydroxide (>6 molar)	3	High	I-4 Base Cabinet
Potassium Hydroxide (1 molar to 6 molar)	2	Junior High	I-4 Base Cabinet
Potassium Iodate	3	High	I-6
Potassium Iodide	2	Junior High	I-2
Potassium Nitrate	2	Restricted: Junior High School w/ CHO approval	I-3

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Potassium Nitrite	3	High	I-3
Potassium Oxalate	3	High	I-2
Potassium Perchlorate	3	Not needed	I-6
Potassium Periodate	3	High	I-6
Potassium Permanganate	2	Restricted: Junior High must buy prediluted at 1.0 molar or less.	I-8
Potassium Peroxide	Ban Candidate	Not needed	I-6
Potassium Persulfate	3	High	I-6
Potassium Phosphate - Dibasic	2	Junior High	I-2
Potassium Phosphate - Monobasic	2	Junior High	I-2
Potassium Phosphate - Tribasic	2	Junior High	I-2
Potassium Sodium Tartrate	2	Junior High	I-2
Potassium Sulfate	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Potassium Sulfide	3	High	I-5
Potassium Tartrate	2	Junior High	I-2
Potassium Thiocyanate	2	Junior High	I-7
Praseodymium Chloride	3	High	I-2
Propane	3	High	Gas - Flammable
Propanol	3	High	O-2 Flam Cabinet
Propiolactone, b-	4	Restricted: High School w/ CHO approval	O-4
Propionic Acid	3	High	O-1 Flam Cabinet
Propylene Glycol	2	Junior High	O-2
Pyridine	Ban Candidate	Not needed	O-2 Flam Cabinet
Pyrogallol	3	High	O-8
Quinine Sulfate	3	High	I-2
Resazurin	3	Not needed	O-9
Resorcinol	3	High	O-8

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Rhodamine B	2	Junior High	O-9
Ringer's Solution	2	Junior High	I-2
Rose Bengal	2	Junior High	O-9
Safranin O	2	Junior High	O-9
Safranin Staining Solution	2	Junior High	O-2 Flam Cabinet
Salicylic Acid	2	Junior High	O-1
Schiff Reagent	3	High	I-9 Acid Cabinet
Sebacoyl Chloride	3	High	O-1
Sebacoyl Chloride/Hexane Solution	3	High	O-3 Flam Cabinet
Selenium - Metal Lump	Ban Candidate	Not needed	I-1
Selenium - Powder	Ban Candidate	Not needed	I-1
Silica Gel	2	Junior High	I-4

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Silicon	2	Junior High	I-1
Silicon Oil	3	High	Misc
Silicon Tetrafluoride	Ban Candidate	Not needed	Poison Gas
Silver - Metal Lump	2	Junior High	I-1
Silver Acetate	3	High	I-2
Silver Chloride	3	Restricted: High School w/ CHO approval. Limit amount in stock to 25 grams or less	I-2
Silver Cyanide	Ban Candidate	Not needed	I-7
Silver Nitrate	2	Restricted: Junior high w/ CHO approval. Restrict amounts to 25 grams.	I-3
Silver Oxide	3	Not needed	I-4
Silver Sulfate	3	Not needed	I-2
Soda Lime	3	High	I-4 Base Cabinet
Sodium - 0.5 Gram Pieces	3	Restricted: High School w/ CHO approval. Restrict amounts to small chips, 3 years supply maximum.	I-1

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Sodium - Chunks	Ban Candidate	Not needed	I-1
Sodium Acetate - Anhydrous	2	Junior High	I-2
Sodium Acetate - Hydrate	2	Junior High	I-2
Sodium Alginate	3	High	O-1
Sodium Arsenate	Ban Candidate	Not needed	I-7
Sodium Arsenite	Ban Candidate	Not needed	I-7
Sodium Azide	Ban Candidate	Not needed	I-3
Sodium Benzoate	2	Junior High	I-2
Sodium Bicarbonate	0	All grades	I-4
Sodium Bifluoride	4	Restricted: High School w/ CHO approval	I-2
Sodium Bismuthate	3	Not needed	I-7
Sodium Bisulfate - Anhydrous	3	High	I-2
Sodium Bisulfate - Monohydrate	3	High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sodium Bisulfite	2	Junior High	I-2
Sodium Borate	2	Junior High	I-8
Sodium Borohydride	Ban Candidate	Not needed	I-1
Sodium Bromate	3	High	I-6
Sodium Bromide	2	Junior High	I-2
Sodium Carbonate	2	Junior High	I-4
Sodium Chlorate	3	Restricted : Junior High w/ CHO approval. Limit amount to 100 grams or less	I-6
Sodium Chloride	0	All grades	I-2
Sodium Chromate - Anhydrous	4	Not needed	I-8
Sodium Chromate - Tetrahydrate	4	Not needed	I-8
Sodium Citrate	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sodium Cobaltinitrite	4	Restricted: High School w/ CHO approval	I-3
Sodium Cyanide	Ban Candidate	Not needed	I-7
Sodium Deoxycholate	3	High	O-1
Sodium Dichloroindophenol	2	Junior High	O-9
Sodium Dichromate - Anhydrous	4	Not needed	I-8
Sodium Dichromate - Dihydrate	4	Not needed	I-8
Sodium Diphenylamine Sulfonate	3	High	O-2
Sodium Dithionite	Ban Candidate	Not needed	I-2
Sodium Ferricyanide	4	Not needed	I-7
Sodium Ferrocyanide	3	Not needed	I-7



Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sodium Fluoride	4	Restricted: High School w/ CHO approval. Only for use in Advanced Chemistry. Limit amount in storage to 100 grams.	I-2
Sodium Fluoroacetate	Ban Candidate	Not needed	I-2
Sodium Hexametaphosphate	2	Junior High	I-2
Sodium Hydroxide - Solid	3	High	I-4 Base Cabinet
Sodium Hydroxide - solution (<1 molar)	2	Junior High	I-4
Sodium Hydroxide - solution (>6 molar )	3	High	I-4 Base Cabinet
Sodium Hydroxide - solution (1 M to 6 M)	2	Junior High	I-4 Base Cabinet
Sodium Hypochlorite - Solution (<6%)	2	Junior High	I-6
Sodium Hypochlorite - Solution (>6%)	3	High	I-6
Sodium Iodate	3	High	I-6

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sodium Iodide	2	Junior High	I-2
Sodium Lactate	2	Junior High	Misc
Sodium Lauryl Sulfate	2	Junior High	O-2
Sodium Metabisulfite	3	High	I-2
Sodium Metasilicate	3	High	I-4
Sodium Molybdate - Anhydrous	3	High	I-2
Sodium Molybdate - Dihydrate	3	High	I-2
Sodium Nitrate	2	Junior High	I-3
Sodium Nitrite	3	High	I-3
Sodium Nitroferricyanide	Ban Candidate	Not needed	I-7
Sodium Oleate	2	Junior High	O-3

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Sodium Oxalate	3	High	I-2
Sodium Perborate	3	High	I-8
Sodium Perchlorate	4	Restricted: High School w/ CHO approval	I-6
Sodium Peroxide	4	Restricted: High School w/ CHO approval. Restrict amount to 25 grams.	I-6
Sodium Phosphate - Dibasic - Anhydrous	2	Junior High	I-2
Sodium Phosphate - Dibasic - Heptahydrate	2	Junior High	I-2
Sodium Phosphate - Monobasic	2	Junior High	I-2
Sodium Phosphate - Tribasic	2	Junior High	I-2
Sodium Polyacrylate	2	Junior High	O-5
Sodium Rhodizonate	3	High	O-1
Sodium Salicylate	3	High	O-1
Sodium Silicate	2	Junior High	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sodium Sulfamate	3	High	I-4
Sodium Sulfate	2	Junior High	I-2
Sodium Sulfide	4	Restricted: High School w/ CHO approval. Prepurchase as 2.0 molar or 0.5 M solution. Limit amount in stock to 500 mls	I-5
Sodium Sulfite	3	High	I-2
Sodium Tartrate Anhydrous	2	Junior High	I-2
Sodium Tartrate Dihydrate	2	Junior High	I-2
Sodium Thiocyanate	3	High	I-7
Sodium Thiosulfate - Anhydrous	3	High	I-2
Sodium Thiosulfate - Pentahydrate	2	Junior High	I-2
Sodium Tungstate	3	High	I-2
Stannic Chloride	3	High	I-2
Stannous Chloride	3	High	I-2
Starch	0	All grades	O-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Stearic Acid - Laboratory Grade	2	Junior High	O-1
Stearic Acid - Reagent Grade	2	Junior High	O-1
Streptomycin Sulfate	3	High	O-2
Strontium	4	Not needed	I-1
Strontium Bromide	2	Junior High	I-2
Strontium Carbonate	2	Junior High	I-4
Strontium Chloride	2	Junior High	I-2
Strontium Hydroxide Octahydrate	2	High	I-4 Base Cabinet
Strontium Hydroxide Solution	2	High	I-4
Strontium Nitrate	2	Junior High	I-3
Strychnine	Ban Candidate	Not needed	O-2
Styrene	3	High	O-3 Flam Cabinet
Succinic Acid	3	High	O-1
Sucrose	0	All grades	O-2

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Sudan III	2	Junior High	O-9
Sudan III Solution	2	Junior High	O-9 Flam Cabinet
Sudan IV	2	Junior High	O-9
Sudan IV Solution	2	Junior High	O-9 Flam Cabinet
Sudan Yellow	4	Restricted.	O-9
Sulfamic Acid	2	High	I-9 Acid Cabinet
Sulfanilamide	3	High	I-3
Sulfanilic Acid	3	High	O-1
Sulfosalicylic Acid	3	High	O-1
Sulfur - Precipitated	2	High	I-10
Sulfur Dioxide	Ban Candidate	Not needed	Gas - Poison
Sulfur Hexafluoride	3	Not needed	Gas - Non Flam
Sulfurated Potash	4	Restricted: High School w/ CHO approval	I-5

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Sulfuric Acid (<1 molar)	2	Junior High	I-9
Sulfuric Acid (>6 molar)	3	High	I-9 Acid Cabinet
Sulfuric Acid (1 molar to 6 molar)	2	Junior High	I-9 Acid Cabinet
Talc	2	High	Misc
Tannic Acid	3	High	O-1
Tartaric Acid	2	High	O-1
Tert-Butanol	2	High	O-2 Flam Cabinet
Testosterone	Ban Candidate	Not needed	O-4
Testosterone Propionate	Ban Candidate	Not needed	O-4
Tetrabromoethane	Ban Candidate	Not needed	O-3
Tetracycline Hydrochloride	3	High	O-2
Tetrafluoroethylene	Ban Candidate	Not needed	O-3 Flam Cabinet
Tetrahydrofuran	Ban Candidate	Not needed	O-4 Flam Cabinet

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Tetramethyl-p-phenylenediamine Dihydrochloride	3	High	O-2
Thallium	Ban Candidate	Not needed	I-1
Thermit	2	Restricted: Demo only. Junior High School w/ CHO approval	I-4
Thermit Igniting Sticks	2	Restricted: Demo only. Junior High School w/ CHO approval	I-4
Thiamine Hydrochloride	2	Junior High	Misc
Thimerosal	Ban Candidate	Not needed	O-2
Thioacetamide	4	Restricted: High School w/ CHO approval	O-2 Flam Cabinet
Thionin	3	High	O-9
Thionyl Chloride	Ban Candidate	Not needed	I-6 Acid Cabinet
Thiourea	4	Restricted: Do not purchase as solid. Only allowed as taste test strips in AP Chemistry in High School w/ CHO approval	O-2



<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Thorium Nitrate	Ban Candidate	Not needed	I-3 Radioactive
Thymol	2	Junior High	O-9
Thymol Blue	2	Junior High	O-9
Thymolphthalein	2	Junior High	O-9
Thymolphthalein Solution	2	Junior High	O-2 Flam Cabinet
Thyroxine	3	High	O-1
Tin - Metal Lump	0	All grades	I-1
Tin - Powder	3	Not needed	I-1
Tin Oxide	3	High	I-4
Titanium Dioxide	2	Junior High	I-4
Titanium Tetrachloride	Ban Candidate	Not needed	I-2
Titanium Trichloride	Ban Candidate	Not needed	I-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Tollen's Reagent	4	Restricted: DO NOT PURCHASE commercially. Make only enough for that day's experiment. AP Chemistry in High School w/ CHO approval	I-3
Toluene	3	Restricted: High School w/ CHO approval	O-3 Flam Cabinet
Toluidine Blue O	2	Junior High	O-9
Toluidine, o-	Ban Candidate	Restricted: High School w/ CHO approval	O-2 Flam Cabinet
Tricaine Methanesulfonate	3	High	O-9
Trichloroacetic Acid	3	High	O-1
Trichloroethane	Ban Candidate	Not needed	O-4
Trichloroethylene	Ban Candidate	Not needed	O-4
Trichlorotrifluoroethane	Ban Candidate	Not needed	O-4
Triethanolamine	3	Restricted: High School w/ CHO approval	O-2
Triethyl Phosphate	Ban Candidate	Not needed	O-5

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Triethylamine	4	Restricted: High School w/ CHO approval. Limit amount in stock to 2 small vials.	O-2 Flam Cabinet
Trimethylamine	4	Restricted: High School w/ CHO approval	O-2 Flam Cabinet
Trinitrobenzene	Ban Candidate	Not needed	O-3 Explosive
Trinitrotoluene	Ban Candidate	Not needed	O-3 Explosive
Triphenyl Tetrazolium Chloride	3	High	O-9
Tris-Hydroxymethyl Aminomethane	3	High	O-3
Triton X-100	3	High	O-2
Turpentine	3	Not needed	O-3 Flam Cabinet
Tyrosine	2	Junior High	O-1
Universal Indicator	2	Junior High	O-2 Flam Cabinet
Uranium	Ban Candidate	Not needed	I-1 Radioactive
Uranyl Acetate	Ban Candidate	Not needed	I-2 Radioactive
Uranyl Nitrate	Ban Candidate	Not needed	I-3 Radioactive

<b>Chemical Name</b>	<b>Hazard Rank</b>	<b>Minimum Grade Level - Restrictions</b>	<b>Storage Category</b>
Urea	3	High	O-2
Urease	2	Junior High	Misc
Urethane	3	High	O-5
Vanadium Pentoxide	Ban Candidate	Not needed	I-4
Vegetable Oil	2	Junior High	Misc
Vinyl Chloride	Ban Candidate	Not needed	O-3 Flam Cabinet
Vinyl Ether	Ban Candidate	Not needed	O-4 Flam Cabinet
Winkler's Solution #1	2	Junior High	I-2
Winkler's Solution #2	3	High	I-4
Wood's Metal	3	Not needed	I-1
Wright's Stain	2	Junior High	O-9
Wright's Stain Solution	2	Junior High	O-9 Flam Cabinet
Xylene	3	Restricted: High School w/ CHO approval	O-3 Flam Cabinet
Xylose	0	All grades	O-2

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Yttrium Oxide	4	Restricted: High School w/ CHO approval	I-4
Zenker's Fixative	Ban Candidate	Not needed	I-8
Zeolite	3	High	I-4
Zinc - Metal Lump	0	All grades	I-1
Zinc - Powder	3	High	I-1
Zinc Acetate	2	Junior High	I-2
Zinc Carbonate	2	Junior High	I-4
Zinc Carbonate - Basic	2	Junior High	I-4
Zinc Chloride	3	High	I-2
Zinc Nitrate - Anhydrous	3	High	I-3
Zinc Nitrate - Hexahydrate	3	High	I-3
Zinc Oxide	2	Junior High	I-4
Zinc Stearate	3	High	O-3

Chemical Name	Hazard Rank	Minimum Grade Level - Restrictions	Storage Category
Zinc Sulfate - 7-Hydrate	2	Junior High	I-2
Zinc Sulfate - Anhydrous	3	High	I-2
Zinc Sulfate - Monohydrate	2	Junior High	I-2
Zinc Sulfide	3	High	I-5
Zirconium Tetranitrate	3	High	I-3

Chemical Name	CAS Number	Experiments - Processes Where Used
Abscisic Acid	14375-45-2	Botany - effects of plant hormones
Acetal	105-57-7	NONE
Acetaldehyde	75-07-0	NONE. Formerly used as: Organic substrate in organic reactions.
Acetamide	60-35-5	Melting points. Heat of fusion (enthalpy) experiments.
Acetanilide	103-84-4	Organic substrate used in organic reactions.
Acetic Acid (<1 Molar)	64-19-7	Volcano experiment (tame version). Neutralizing base spills.
Acetic Acid (>6 Molar)	64-19-7	Ester lab. Scent lab. Plant mitosis microscopy staining. Stock acid solution.
Acetic Acid (1 Molar to 6 Molar)	64-19-7	Stoichiometry. Mole ratio.
Acetic Anhydride	108-24-7	Compounding of aspirin. Organic substrate. Thermochemistry.
Aceto Carmine	Mixture	Plant mitosis microscopy staining. Cell and bacteria stain.
Acetone	67-64-1	Solvent used in several labs in food science, plant extractions, tests for aldehydes and ketones.
Acetonitrile	75-05-8	NONE. Formerly used as: Organic substrate in organic reactions.
Aceto-Orcein Solution	Mixture	Cell stain

Chemical Name	CAS Number	Experiments - Processes Where Used
Acetyl Chloride	75-36-5	NONE. Formerly used as: Organic substrate in organic reactions.
Acetylcholine Bromide	66-23-9	Biological reagent inducing muscle contractions.
Acetylcholine Bromide Solution	66-23-9	Biological reagent inducing muscle contractions.
Acetylcholine Chloride	60-31-1	Biological reagent inducing iris constriction in the eye.
Acetylcholine Chloride Solution	60-31-1	Biological reagent inducing iris constriction in the eye.
Acetylene	74-86-2	Fuel. Calorimetry. Often created in small amounts in class for experiment, rather than purchasing gas cylinder.
Acetylsalicylic Acid	50-78-2	Hydrolysis of aspirin. Ferric chloride test for phenol.
Acridine Orange	494-38-2	Cell stain
Acrolein	107-02-8	NONE. Formerly used as: Synthesis reactions.
Acrylamide	79-06-1	NONE. Formerly used as: Polymer catalyst. Gel electrophoresis.
Acrylic Acid	79-10-7	NONE. Formerly used as: Plastic precursor
Acrylonitrile	107-13-1	NONE. Formerly used in: Manufacture of acrylic fibers



Chemical Name	CAS Number	Experiments - Processes Where Used
Adenine	73-24-5	Biological reagent. DNA synthesis.
Adenosine Triphosphate	51963-61-2	Biological reagent. DNA synthesis.
Adipic Acid	124-04-9	Manufacture of plastics. Baking??:?
Adipoyl Chloride	111-50-2	Nylon synthesis. Polymer precursor.
Adipoyl Chloride - Hexane Solution	Mixture	Nylon synthesis. Polymer precursor.
Adrenaline	51-43-4	NONE. Formerly used as: Biological reagent. Effects of drugs kits.
Adrenaline Chloride Solution	Mixture	NONE. Formerly used as: Biological reagent. Effects of drugs kits.
Agar	9002-18-0	Bacteria cultures
Agarose	9012-36-6	Bacteria cultures
Aitch-tu-ess Cartridges	Mixture	Hydrogen sulfide formation for creation of insoluble metal salts in solutions
Alanine, DL-	302-72-7	Amino acid
Alanine, L-	56-41-7	Amino acid

Chemical Name	CAS Number	Experiments - Processes Where Used
Albumin	9006-59-1	Colorimetry. Biological reagent.
Alconox	Mixture	Glassware cleaning
Alizarin	72-48-0	Indicator. pH 5.5 yellow to 6.8 red, 11.0 red to 12.4 purple
Alizarin Red S	130-22-3	pH indicator. 4.6 yellow, 6.0 red
Alizarin Yellow R	2243-76-7	pH indicator. 10.2 yellow to 12.2 red
Alkaline Iodide Azide	Mixture	NO NE: Was used as test reagent for dissolved oxygen in water. Test can be done without the sodium azide. Can buy small powder packets from Hach
Alkaline Potassium Iodide	Mixture	Test reagent for dissolved oxygen in water. Can be purchased in small powder packets from Hach.
Allyl Chloride	107-05-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Aluminon	569-58-4	Qualitative cation tests. Reagent for determination of aluminum.
Aluminum - Metal Lump	7429-90-5	Single replacement reaction w/ copper chloride. Properties of matter. Reversible reactions. Oxidation-reduction. Photochemistry.
Aluminum - Powder	7429-90-5	Thermite reaction. Making sparklers.

Chemical Name	CAS Number	Experiments - Processes Where Used
Aluminum Ammonium Sulfate	7784-26-1	Mordant. Water purifier.
Aluminum Chloride - Anhydrous	7446-70-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Aluminum Chloride - Hexahydrate	7784-13-6	Qualitative analysis
Aluminum Hydroxide	21645-51-2	Neutralization products
Aluminum Nitrate - Anhydrous	13473-90-0	Electrolyte lab. Qualitative cation tests. Reactivity of metals
Aluminum Nitrate - Nonahydrate	7784-27-2	Electrolyte lab. Qualitative cation tests. Reactivity of metals
Aluminum Oxide	1344-28-1	Dessicant. Chromatography. Abrasive
Aluminum Potassium Sulfate	7784-24-9	Formulation of a hydrate. Mordant. Alum.
Aluminum Sodium Sulfate	10102-71-3	Formulation of a hydrate. Mordant. Alum.
Aluminum Sulfate - 18 hydrate	17927-65-0	Mordant.
Aluminum Sulfate - Anhydrous	10043-01-3	Qualitative analysis.
Aminodiphenyl, 4-	90-67-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ammonium Acetate	631-61-8	Qualitative cation tests.

Chemical Name	CAS Number	Experiments - Processes Where Used
Ammonium Bicarbonate	1066-33-7	Buffer
Ammonium Bifluoride	1341-49-7	NONE. Formerly used in: Production of hydrofluoric acid. Glass etching
Ammonium Bromide	12124-97-9	Electrochemistry.
Ammonium Carbonate	506-87-6	Buffer
Ammonium Chloride	12125-02-9	Acid-base reactions. Solubility. Precipitates. Gravimetric analysis. Ionic reactions. Flame test.
Ammonium Chromate	7788-98-9	NONE. Formerly used in: Double displacement reaction. Stoichiometry. Limit amount to 100 grams.
Ammonium Citrate	3012-65-5	Photochemistry
Ammonium Dichromate	7789-09-5	NONE. Formerly used in: Double displacement reaction. Stoichiometry. Volcano demo. Limit amount to 100 grams.
Ammonium Fluoride	12125-01-8	NONE. Formerly used in: Production of hydrofluoric acid. Glass etching. Limit amount to 25 grams.
Ammonium Hydroxide (<1 Molar)	1336-21-6	Qualitative analysis of anions. pH of household chemicals. Halide lab. Many uses
Ammonium Hydroxide (>6 Molar)	1336-21-6	Halide lab. Stock solution for many labs.
Ammonium Hydroxide (1 Molar to 6 Molar)	1336-21-6	Qualitative analysis of anions. pH of household chemicals. Halide lab. Many uses
Ammonium Iodide	12027-06-4	Ionization lab.

Chemical Name	CAS Number	Experiments - Processes Where Used
Ammonium Metavanadate	7803-55-6	NONE. Formerly used in: Qualitative analysis of anions.
Ammonium Molybdate	12027-67-7	Qualitative analysis of anions. Used as source of ammonium ion (NH <sub>4</sub> )
Ammonium Nitrate	6484-52-2	Endothermic reactions. Test for nitrates. Qualitative cation tests. Tollens test for aldehydes (Silver mirror). Limit storage to one pound.
Ammonium Nitrite	13446-48-5	NONE. Formerly used as: Source of nitrite anion.
Ammonium Oxalate - Anhydrous	1113-38-8	Qualitative cation tests. Reaction with zinc. Gravimetric determination of calcium as calcium oxalate precipitate.
Ammonium Oxalate - Monohydrate	6009-70-7	Qualitative cation tests. Reaction with zinc. Gravimetric determination of calcium as calcium oxalate precipitate.
Ammonium Perchlorate	7790-98-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ammonium Persulfate	7727-54-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ammonium Phosphate - Dibasic	7783-28-0	Buffer
Ammonium Phosphate - Monobasic	7722-76-1	Buffer
Ammonium Polysulfide	9080-17-5	NONE. Formerly used as: Source of sulfide ions for insoluble salts
Ammonium Sulfate	7783-20-2	Water source. Preparation of ammonium ions. Fertilizer ingredient that acidifies basic soils.
Ammonium Sulfide	12135-76-1	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Ammonium Tartrate	3164-29-2	Racemic test reagent. Buffer.
Ammonium Thiocyanate	1762-95-4	Demo, spontaneous endothermic reaction in fume hood.
Amyl Acetate	628-63-7	Ester lab. Scent lab. Solvent properties.
Amylase	9014-71-5	Human body systems lab
Anasol	Mixture	NONE: Formerly used as glassware cleaner - chromic acid-based.
Anhydrous Ammonia	7664-41-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Aniline	62-53-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Aniline Acetate	Mixture	NONE: Formerly used in: Reagent for detection of furfural
Aniline Blue	28631-66-5	Indicator; pH 10 blue to 13 orange
Aniline Hydrochloride	142-04-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Anthracene	120-12-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Anthranilic Acid	118-92-3	Making grapefruit scented ester.

Chemical Name	CAS Number	Experiments - Processes Where Used
Antimony - Metal Lump	7440-36-0	Qualitative properties of elements.
Antimony - Powder	7440-36-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Antimony Potassium Tartrate	28300-74-5	Alum crystal lab
Antimony Trichloride	10025-91-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Arabinose	87-72-9	Monosaccharide used in biology carbohydrate labs
Arginine	74-79-3	Amino acid
Arsenic - Metal Lump	7440-38-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Arsenic - Powder	7440-38-2	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Arsenic Trioxide	1327-53-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Arsine	7784-42-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Asbestos	1332-21-4	NONE. Formerly used in heating pads and protective gloves.
Ascarite	Mixture	NONE. Formerly used as: Absorbant
Ascorbic Acid	134-03-2	Oxidation of ascorbic acid, an anti-oxidant.
Asparagine	5794-13-8	Amino acid
Aspartic Acid	56-84-8	Amino acid
Barfoed Reagent	Mixture	Test for monosaccharides/reducing sugars. Less Frequent use than Benedict's Reagent.
Barium - Metal Lump	7440-39-3	NONE. Formerly used in: Qualitative properties of elements.
Barium - Powder	7440-39-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Barium Acetate	543-80-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Barium Carbonate	513-77-9	Qualitative analysis of anions. Flame test.



Chemical Name	CAS Number	Experiments - Processes Where Used
Barium Chloride	10326-27-9	Viscosity of liquids.
Barium Chromate	10294-40-3	NONE. Formerly used in: Qualitative analysis of anions. Flame test.
Barium Hydroxide	12230-71-6	Demo, spontaneous endothermic reaction in fume hood. Acid base demo. Plant growth.
Barium Nitrate	10022-31-8	Dehydration of sugar lab. Fehling's sugar test.
Barium Peroxide	1304-29-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Barium Sulfate	7727-43-7	Solubility & precipitation.
Benedict's Reagent	Mixture	Human body systems lab. Classic test for sugars.
Benzaldehyde	100-52-7	Organic substrate used in organic reactions.
Benzene	71-43-2	NONE. Formerly used as: Solvent for organic synthesis

Chemical Name	CAS Number	Experiments - Processes Where Used
Benzidine	92-87-5	NONE: Use, importation and manufacture of benzidine is prohibited in many countries.
Benzoic Acid	65-85-0	Blizzard in a bottle lab. Solubility. Saturation. Molar mass determination from freezing point depression.
Benzoin	579-44-2	Synthesis reactions.
Benzonitrile	100-47-0	Organic substrate used in organic reactions.
Benzophenone	119-61-9	Absorption of ultraviolet light
Benzoyl Chloride	98-88-4	NONE. Formerly used in: Synthesis reactions.
Benzoyl Peroxide	94-36-0	NONE. Formerly used as: Polymer catalyst
Benzyl Alcohol	100-51-6	Ester lab. Scent lab.
Benzylaminopurine	1214-39-7	Botany labs. Used as plant growth stimulator.
Beryllium - Metal Lump	7440-41-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Beryllium - Powder	7440-41-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Beryllium Hydroxide	13327-32-7	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Beryllium Oxide	1304-56-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Beryllium Sulfate	13510-49-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Bile Salts	Mixture	Inhibits growth of Gram Positive bacteria in biology labs.
Bismarck Brown Y	10114-58-6	Tissue stain and counterstain
Bismuth - Metal Lump	7440-69-9	Qualitative properties of elements. Melting point of metals.
Bismuth - Powder	7440-69-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Bismuth Nitrate	10035-06-0	Qualitative analysis
Bismuth Subnitrate	1304-85-4	Qualitative analysis
Bismuth Trichloride	7787-60-2	Organic reaction catalyst
Biuret	108-19-0	Protein lab. Reacts with Biuret Test Reagent
Biuret Reagent	Mixture	Test reagent for proteins, carbohydrates, lipids.
Boric Acid	10043-35-3	Qualitative analysis. Sugar test.

Chemical Name	CAS Number	Experiments - Processes Where Used
Boron Trichloride	10294-34-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Bouin's Fixative	Mixture	NONE. Formerly used as: Stain for brain cells
Brilliant Cresyl Blue	10127-36-3	A basic dye used for staining reticulocytes
Brilliant Green	633-03-4	Indicator. pH 0 yellow to 2.6 green.
Bromine	7726-95-6	NONE. Formerly used in: Oxidation reagent preparation, activity series of the elements and to make bromine water.
Bromine Water	7726-95-6	Demo: reactivity of non-metals in fume hood. Colorimetric determination of double bonds. Periodic properties of the elements. Advanced placement chemistry only.
Bromobenzene	108-86-1	Organic substrate used in organic reactions.
Bromobutane	109-65-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Bromocresol Green	76-60-8	Indicator. pH 3.8 yellow to 5.4 blue
Bromocresol Purple	115-40-2	Indicator. pH 5.2 yellow to 6.8 purple.
Bromoform	75-25-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Bromphenol Blue	62625-28-9	Indicator. pH 3.0 yellow to 4.6 purple.

Chemical Name	CAS Number	Experiments - Processes Where Used
Bromthymol Blue	34722-90-2	Human body systems lab indicator. pH 6.0 yellow to 7.6 blue.
Butadiene	106-99-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Butanol, 1-	71-36-3	Miscibility vs. chain length in alcohols. Lucas test for primary, secondary & tertiary alcohols.
Butanol, 2-	78-92-2	Lucas test for primary, secondary & tertiary alcohols. Reactivity of alcohols.
Butoxyethanol	111-76-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Butyl Acetate	123-86-4	Synthesis reactions.
Butyl Stearate	109-43-3	Fatty acid ester formation
Butylated Hydroxytoluene	128-37-0	Antioxidant. Melting point determination.
Butyraldehyde	123-72-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Butyric Acid	107-92-6	Formation of butyrate esters (scent lab)
Cadmium - Metal Lump	7440-43-9	Qualitative properties of elements.
Cadmium - Powder	7440-43-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cadmium Chloride - Anhydrous	10108-64-2	NONE. Formerly used in: Properties of matter.

Chemical Name	CAS Number	Experiments - Processes Where Used
Cadmium Chloride - Pentahydrate	7790-78-5	NONE. Formerly used in: Properties of matter.
Cadmium Nitrate - Anhydrous	10325-94-7	NONE. Formerly used in: Properties of matter
Cadmium Nitrate - Tetrahydrate	10022-68-1	NONE. Formerly used in: Properties of matter.
Cadmium Oxide	1306-19-0	NONE. Formerly used in: Properties of matter
Cadmium Sulfate - Anhydrous	10124-36-4	NONE. Formerly used in: Properties of matter
Cadmium Sulfate - Octahydrate	7790-84-3	NONE. Formerly used in: Properties of matter.
Caffeine	58-08-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Calcium - Metal Lump	7440-70-2	Reactivity of metals. Add to water in test tube w/ phenolphthalein. Compare to magnesium.
Calcium - Powder	7440-70-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Calcium Acetate	62-54-4	Qualitative analysis. Double displacement reactions.
Calcium Bromide	7789-41-5	Qualitative analysis. Double displacement reactions.
Calcium Carbide	75-20-7	Carbide cannon. Preparation & combustion of acetylene. Reaction of chlorine with acetylene demo. Halloween demo.
Calcium Carbonate	471-34-1	Gas generation. Double displacement.
Calcium Chloride	10043-52-4	Stoichiometry of a precipitation reaction. Flame test. Hard water lab. Solubility demo. Drying agent.

Chemical Name	CAS Number	Experiments - Processes Where Used
Calcium Chloride	10035-04-8	Stoichiometry of a precipitation reaction. Flame test. Hard water lab. Solubility demo. Drying agent.
Calcium Cyanide	592-01-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Calcium Fluoride	7789-75-5	Mineral sample. Good choice for glass etching compared to ammonium bifluoride & hydrofluoric acid.
Calcium Gluconate	299-28-5	As a gel it is used to deactivate and treat exposures to hydrofluoric acid or bifluoride compounds used in glass etching.
Calcium Hydroxide	1305-62-0	Precipitate studies. Properties of matter. Solubility. Acid base lab. Heat of crystallization. pH scale.
Calcium Hypochlorite	7778-54-3	Bleach. Disinfection (if diluted). Hard water tests.
Calcium Iodide	10102-68-8	Double displacement reaction. Stoichiometry.
Calcium Nitrate - Anhydrous	10124-37-5	Identification of metal ions. Qualitative cation tests. Flame test. Nitrate test.
Calcium Nitrate - Hydrate	13477-34-4	Identification of metal ions. Qualitative cation tests. Flame test. Nitrate test.
Calcium Oxide	1305-78-8	Acid base reactions. Exothermic reactions. Limewater preparation.
Calcium Phosphate, Dibasic	7757-93-9	Buffer
Calcium Phosphate, Monobasic	10031-30-8	Buffer
Calcium Phosphate, Tribasic	12167-74-7	Buffer

Chemical Name	CAS Number	Experiments - Processes Where Used
Calcium Sulfate - Dihydrate	10101-41-4	Conservation of matter. Dessicant.
Calcium Sulfate - Hemihydrate	10034-76-1	Conservation of matter. Dessicant.
Calcium Sulfide	20548-54-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Calmagite	3147-14-6	Reagent for determination of magnesium.
Camphor	76-22-2	NONE. Formerly used as: Organic substrate in organic reactions.
Canadian Balsam	8007-47-4	Mounting media for microscopy
Canadian Balsam in Xylene	Mixture	Mounting media for microscopy
Carbol Fuchsin	Mixture	Indicator
Carbon	7440-44-0	Qualitative properties of elements. Purifying water.
Carbon Black	1333-86-4	Filtration. Pigment.
Carbon Disulfide	75-15-0	NONE. Formerly used as: Organic substrate in organic reactions.
Carbon Monoxide	630-06-0	NOT NEEDED in secondary science ed based on input from experienced science teachers



Chemical Name	CAS Number	Experiments - Processes Where Used
Carbon Tetrachloride	56-23-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Carbonyl Sulfide	463-58-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Carmin	1390-65-4	Plant mitosis microscopy staining.
Carnauba Wax	8015-86-9	The waxy component of crayons.
Carnoy's Fixative	Mixture	Tissue fixation. Can be substituted in some cases by Clarke's Fixative (3 pts ethanol : 1 pt acetic acid)
Casein	9000-71-9	Protein lab.
Catalase	9001-05-2	Decomposition of hydrogen peroxide
Catechol	154-23-4	NONE: Formerly used in Enzyme Lab.
Cedarwood Oil	8000-27-9	Microscopy
Cellulose	9004-34-6	Organic reagent
Cerium Ammonium Nitrate	16774-21-3	NONE. Formerly used as: Ion source for cerium
Cesium Chloride	7647-17-8	Flame test. Ion source of cesium.
Cetyl Alcohol	36653-82-4	Emollient. Lubricant. Melting point determination.

Chemical Name	CAS Number	Experiments - Processes Where Used
Charcoal	7440-44-0	Filtration.
Chloral Hydrate	302-17-0	NONE. Formerly used for microscope fixing of tardigrade microinvertebrates. Controlled substance.
Chloretone	57-15-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chlorine	7782-50-5	NONE. Formerly used in: Generating chlorine water.
Chlorine Trifluoride	7790-91-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chlorine Water	7782-50-5	Reactivity of non metals in fume hood. Periodic properties of the elements.
Chlorobenzene	108-90-7	Solvent for organic synthesis
Chloroethanol	107-07-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chloroform	67-66-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chlorophenol	106-48-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chlorophenol Red	4430-20-0	Indicator. pH 5.2 yellow to 6.8 red.
Chlorophyllin	11006-34-1	Food additive. Odor control.

Chemical Name	CAS Number	Experiments - Processes Where Used
Chloroprene	126-99-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chloropromazine	50-53-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chlorosulfonic Acid	7790-94-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cholesterol	57-88-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chromatography Solvent	Mixture	Chromatography solvent. Safer substitute solvent for many aromatic and chlorinate solvents.
Chromic Acid	1333-82-0	NONE. Formerly used in: Oxidation of alkanes, alkenes & alcohols. (safer alternatives available for all the above uses.)
Chromium - Metal Lump	7440-47-3	Qualitative properties of elements.
Chromium - Powder	7440-47-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chromium Chloride - Anhydrous	10025-73-7	Qualitative analysis
Chromium Chloride - Hydrate	10060-12-5	Qualitative analysis
Chromium Nitrate	7789-02-8	Qualitative analysis
Chromium Oxide	1308-38-9	Qualitative analysis
Chromium Potassium Sulfate - Anhydrous	10141-00-1	Crystal lab

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Experiments - Processes Where Used</b>
Chromium Potassium Sulfate - Dodecahydrate	7788-99-0	Crystal lab
Chromium Sulfate	10101-53-8	Qualitative analysis
Chromium Trioxide	1333-82-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Chy-Max	Mixture	Cheese-making demonstration. Coagulant.
Cinnamaldehyde	14371-10-9	Organic ester lab
Citric Acid	77-92-9	Chelation of metals. Acid-base reactions. Neutralization of base spills
Clayton Yellow	1829-00-1	Indicator: pH 11.0 yellow to 13.0 red
Clove Oil	8000-34-8	Used for histological clearing.
Cobalt - Metal Lump	7440-48-4	Qualitative properties of elements. Magnetic lab.
Cobalt - Powder	7440-48-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cobalt Carbonate	5137-79-1	Coloring agent in ceramic glazes.
Cobalt Chloride - Anhydrous	7646-79-9	Catalyst studies. Kinetics.
Cobalt Chloride - Hydrate	7791-13-1	Catalyst studies. Kinetics. Flame test. Humidity indicator.
Cobalt Nitrate - Anhydrous	10141-05-6	Ionic reactions. Flame demo.

Chemical Name	CAS Number	Experiments - Processes Where Used
Cobalt Nitrate - Hydrate	10026-22-9	Ionic reactions. Flame demo.
Cobalt Oxide	1308-06-1	Ionic reactions.
Cobalt Sulfate	10026-24-1	Ionic reactions.
Colchicine	64-86-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Collodion	9004-70-0	NONE. Formerly used in: Formation of nitrocellulose "skin"
Congo Red	573-58-0	Indicator. pH 3.0 blue to 5.0 red. Halloween demo. Used to stain amyloid. (A starchlike substance. A hard, waxy deposit consisting of protein and polysaccharides that results from the degeneration of tissue.)
Copper - Metal Lump	7440-50-8	Energy, machines & motion lab. Electrochemistry. Determination of molar volume of a gas. Chemical changes: reactions of copper. Magnetic lab.
Copper - Powder	7440-50-8	Copper and sulfide reaction lab
Copper Acetate - Anhydrous	142-71-2	Properties of matter. Solutions lab. Electrolysis.
Copper Acetate - Hydrate	6046-93-1	Properties of matter. Solutions lab. Electrolysis.
Copper Bromide	7787-70-4	Properties of matter.

Chemical Name	CAS Number	Experiments - Processes Where Used
Copper Carbonate	12069-69-1	Properties of matter. Crystal growing.
Copper Chloride - Anhydrous	7447-39-4	Electrochemistry demos. Determination of moles of copper & iron. Flame test. Flame tornado demo.
Copper Chloride - Dihydrate	10125-13-0	Electrochemistry demos. Determination of moles of copper & iron. Flame test. Flame tornado demo.
Copper Hydroxide	20427-59-2	Chemical changes: reactions of copper.
Copper Nitrate - Anhydrous	3251-23-8	Ionic reactions. Qualitative cation tests. Flame test. Chemical changes: reactions of copper. Reaction with iron lab.
Copper Nitrate - Hemipentahydrate	19004-19-4	Ionic reactions. Qualitative cation tests. Flame test. Chemical changes: reactions of copper. Reaction with iron lab.
Copper Nitrate - Trihydrate	10031-43-3	Ionic reactions. Qualitative cation tests. Flame test. Chemical changes: reactions of copper. Reaction with iron lab.
Copper Sulfate	7758-98-7	Flame test. Properties of matter. Crystal formation. Energy, machines & motion lab. Oxidation reduction reactions. Fehling's sugar test. Solubility & precipitation. Chemical changes: reactions of copper. Conductivity in water (piezo buzzer) Reaction with iron.
Creatine	57-00-1	Amino acid.
Creatinine	60-27-5	Biological reagent. Marker for analyzing kidney function.
Creosote	8001-58-9	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Cresol	1319-77-3	NONE. Formerly used as: Disinfectant
Cresol Purple	62625-31-4	Indicator. pH 1.2 red to 2.8 purple, and 7.4 yellow to 9.0 purple.
Cresol Red	1733-12-6	Indicator. pH 2.0 orange to 3.0 amber and 7.2 yellow to 8.8 red.
Cresol Red, Sodium Salt	62625-29-0	Indicator. pH 2.0 orange to 3.0 amber and 7.2 yellow to 8.8 red.
Crystal Violet	548-62-9	Positive stain for bacteria. pH 0.0 yellow to 1.8 violet-blue.
Cumene	98-82-8	NONE. Formerly used as: Organic substrate in organic reactions.
Cupric Cyanide	14763-77-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cupric Oxide	1317-38-0	Chemical changes: reactions of copper.
Cupric Sulfide	1317-40-4	Oxidation experiment
Cuprous Acetate	4180-12-5	Properties of matter. Solutions lab. Electrolysis.
Cuprous Chloride	7758-89-6	Electrochemistry demos. Single replacement reaction w/ aluminum metal
Cuprous Cyanide	544-92-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cuprous Oxide	1317-39-1	Chemical changes: reactions of copper.
Cuprous Sulphide	22205-45-4	Oxidation experiment

Chemical Name	CAS Number	Experiments - Processes Where Used
Cyanogen Bromide	506-68-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Cyclohexane	110-82-7	Oxidation of alkanes, alkenes & alcohols. Colorimetric determination of double bonds. Advanced chemistry labs.
Cyclohexanol	108-93-0	Oxidation of alkanes, alkenes & alcohols. Ferric chloride test for phenol. Advanced chemistry labs.
Cyclohexanone	108-94-1	Organic substrate used in organic reactions.
Cyclohexene	110-83-8	Oxidation of alkanes, alkenes & alcohols. Colorimetric determination of double bonds. Advanced chemistry labs. Purchase less than a 5 year supply if possible.
Cysteine	52-90-4	Amino acid
Decanoic Acid	334-48-5	Fatty acid ester formation. Melting point determination.
Denatured Alcohol	Mixture	Fuel. Used in alcohol burners.
Dextrin	9004-53-9	Polarization of light. Hydrolysis of starch.
Dextrose	492-62-6	Sugar used in carbohydrate lab.
Diastase of Malt	9000-92-4	Starch hydrolysis lab.
Diatomaceous Earth	68855-54-9	Filtration. Absorbent. Geology specimens.



Chemical Name	CAS Number	Experiments - Processes Where Used
Dibromo-3-chloropropane, 1,2-	96-12-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dibutyl Phthalate	84-74-2	Organic substrate used in organic reactions.
Dichlorobenzidine	91-94-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dichloroethane	107-06-2	Organic solvent used as an intermediate in synthesis.
Dichloroindophenol, Sodium Salt	620-45-1	Vitamin C determination. Indicator: Blue when basic, red when acidic.
Dichlorophenoxy Acetic Acid	94-75-7	NOT NEEDED in secondary science ed based on input from experienced science teachers. Formerly used as: Herbicide in botany/grounds
Diethylamine	109-89-7	Organic precursor for synthesis of other compounds.
Dimethyl Aniline	121-69-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dimethyl Sulfoxide	67-68-5	Solvent for organic synthesis
Dimethylaminoazobenzene, 4-	60-11-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dimethylglyoxime	95-45-4	Nickel test reagent.
Dimethylglyoxime Solution	95-45-4	Nickel test reagent.

Chemical Name	CAS Number	Experiments - Processes Where Used
Dinitrophenol	51-28-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dinitrophenyl Hydrazine	119-26-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Dioxane	123-91-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Diphenylamine	122-39-4	Unknown. NOT NEEDED in secondary science ed based on input from experienced science teachers
Dithizone	60-10-6	Used as indicator for metals.
Dodecanol	112-53-8	Produced as end result of organic synthesis. Melting points.
Drierite	7778-18-9	Dessicant.
Duplicating Fluid	67-56-1	Fuel. Used in alcohol burners.
Eosin Y	17372-87-1	Indicator. Fluoresces in pH range 0.0 to 3.0. Stains alkaline cell parts (like cytoplasm). Use on plants, animals and blood.
Eriochrome Black T	1787-61-7	Biological stain. Indicator of metal ions.
Erythrosin B	16423-68-0	Indicator. Fluoresces in pH range 0.0 to 3.6
Estrone	53-16-7	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Ethanol	64-17-5	Solubility lab. Properties of matter. Viscosity of liquids. Determination of density. Ammonia ghost lab. Used in many ways in secondary science labs
Ethanolamine	41-43-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ethidium Bromide	1239-45-8	Electrophoresis
Ethoxyethanol	110-80-5	Organic substrate used in organic reactions.
Ethyl Acetate	141-78-6	Organic substrate used in organic reactions. Flame test. Ester lab.
Ethyl Chloride	75-00-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ethyl Ether	60-29-7	Not needed. Was used as anesthetic for Drosophila. Organic synthesis solvent.
Ethyl Iodide	75-03-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ethyl Nitrate	625-58-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Ethylene Glycol	107-21-1	Viscosity of liquids. Freezing points
Ethylene Oxide	75-21-8	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Ethylenediamine	107-15-3	NONE: Formerly used as: Organic reagent
Ethylenediamine Tetraacetic Acid	60-00-4	Water hardness determination. LeChatalier's principle. Chelation of metals.
Ethyleneimine	151-56-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
FAA Solution	Mixture	Used for microscope fixing of tardigrade microinvertebrates. Preservative for algae.
Fast Green	2353-45-9	Cell stain.
Fehling's Solution A	Mixture	Test for monosaccharides/reducing sugars.
Fehling's Solution B	Mixture	Test for monosaccharides/reducing sugars.
Ferric Ammonium Citrate	1185-57-5	Alum-type experiments. Crystal formation. Making blue prints.
Ferric Ammonium Sulfate	7783-83-7	Alum-type experiments. Crystal formation.
Ferric Oxide	1309-37-1	Thermite reaction. Qualitative analysis.
Ferric Sulfate	10028-22-5	Reversible reactions. Oxidation-reduction. Photochemistry. Comparison of Iron +2 and Iron +3 ions. Metal activity and reactivity. Catalyst reactions. Ink lab. Moss killer.

Chemical Name	CAS Number	Experiments - Processes Where Used
Ferrouin Solution	Mixture	Oxidation reduction indicator.
Ferrous Oxide	1345-25-1	Qualitative analysis.
Ferrous Sulfate, Anhydrous	7720-78-7	Hydrolysis of aspirin.
Ferrous Sulfate, Heptahydrate	7782-63-0	Hydrolysis of aspirin.
Fluorescein	518-47-8	Demo - UV refraction. Dye used in other demos. pH 4.0 colorless to 4.5 dark green with fluorescence.
Formaldehyde	50-00-0	NONE. Formerly used as: Stock solution for making formalin preservative.
Formalin	Mixture	Tissue preservation and holding solution. Safer holding solutions are available commercially.
Formalternate	Mixture	Specimen holding solution
Formamide	75-12-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Formic Acid	64-18-6	Ester lab. Scent lab.
Fructose	57-48-7	Properties of sugars.
Fuchsin Acid	3244-88-0	Indicator. pH 12.0 red to 14.0 colorless. Stains collagen fibers red and smooth muscle in contrast to collagen.

Chemical Name	CAS Number	Experiments - Processes Where Used
Fuchsin Basic	569-61-9	Indicator. pH 1.2 purple to 3.0 red and 11.6 red to 14.0 colorless.
Fuller's Earth	8031-18-3	Absorbant
Fumaric Acid	110-17-8	Acidulent for foods.
Furfural	98-01-1	NOT NEEDED in secondary science ed based on input from experienced science teachers.
Galactose	59-23-4	Properties of sugars.
Gallium - Metal Lump	7440-55-3	Qualitative properties of the elements. Demo - low melting point metal.
Gastric Juice	7647-01-0	Human body systems lab
Gelatin	9000-70-8	Polymer lab.
Gibberellic Acid	77-06-5	Botany - effects of plant hormones. Plant growth promoter.
Giemsa Stain	51811-82-6	Blood stain
Giemsa Stain Solution	Mixture	Blood stain
Gilson's Fixative	Mixture	NONE. Formerly used as: Tissue fixative.
Glucose	50-99-7	Tollen's test for aldehydes (Silver mirror). Fehling's sugar test.

Chemical Name	CAS Number	Experiments - Processes Where Used
Glutaraldehyde (<6%)	111-30-8	Disinfectant. Tissue fixative for electron microscopy
Glutaraldehyde (>6%)	111-30-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Glutathione	70-18-8	Tripeptide. Unsure of use in biology lab setting.
Glycerin	56-81-5	Le Chatelier's Principle. Reversible reactions lab.
Glycine	56-40-6	Amino acid
Glycogen	9005-79-2	Animal starch.
Glyoxal	107-22-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Glyoxal Solution	107-22-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Gram's Iodine Stain	Mixture	Dyeing bacteria. Positive – Staphylococcus, Streptococcus, Bacillus - subtilis (crystal violet). Negative – Neisseria, E. coli (Eosin Y ws)
Graphite	7782-42-5	Carbon source. Graphite rods for electrodes.
Guaiacol	7786-61-0	Medicinal (expectorant, antiseptic and local anaesthetic). Manufacture of vanillin (artificial vanilla flavor).
Guar Gum	39421-75-5	Slime lab.
Gum Arabic	9000-01-5	Adhesive
Gum Rosin	8050-09-7	Thickener. Used in soldering as a resin core.

Chemical Name	CAS Number	Experiments - Processes Where Used
Gunpowder	Mixture	NONE. Formerly used in: Gunsmithing. Rocketry in physics.
Hayem Diluting Fluid	Mixture	NONE. Formerly used in: staining blood erythrocytes to count red blood cells.
Helium	7440-59-7	Qualitative properties of the elements.
Hematoxylin	517-28-2	Stains nuclear chromatin using aluminum mordant. Acid resistant nuclear staining, muscle striations and some glial fibers with ferric salts mordant.
Heptane	142-82-5	Boiling points of straight chain alkanes. It's a less hazardous alternative solvent in adhesives.
Hexachlorophene	70-30-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hexamethylenediamine	124-09-4	Nylon synthesis. Polymer precursor.
Hexamethylenediamine - Sodium Hydroxide Solution	Mixture	Nylon synthesis. Polymer precursor.
Hexane	110-54-3	Solubility lab. Reactivity of non-metal lab, non-polar solvent. Combustion. Fire safety. Boiling points of straight chain alkanes. Periodic properties of the elements. Flaming vapor ramp. Frequent use whenever a nonpolar solvent is needed.
Hexane/Acetone Aerosol Sprays	Mixture	Spray adhesive. Degreasing solvents. Never use outside a fume hood or spray booth. Hexane/acetone mixtures are very neurotoxic.
Hexanol	111-27-3	Miscibility vs. chain length in alcohols



Chemical Name	CAS Number	Experiments - Processes Where Used
Hydrazine	302-01-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydrazine Sulfate	10034-93-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydriodic Acid	10034-85-2	Acid base reactions. Stoichiometry.
Hydrobromic Acid	10035-10-6	Acid base reactions. Stoichiometry.
Hydrochloric Acid (<1 molar)	7647-01-0	Titration lab, catalyst in decomposition reactions. Qualitative analysis of anions and cations. Solubility. pH rainbow tube. Used commonly.
Hydrochloric Acid (>6 molar)	7647-01-0	Diluted for use in lab. Reaction of chlorine with acetylene demo. Determination of molar volume of a gas. Plant mitosis microscopy staining. Explosive egg demo (combustion). Used commonly.
Hydrochloric Acid (1 molar to 6 molar )	7647-01-0	Cheapest way to make solutions. Occasionally used in small quantities in 2nd year chemistry. Body systems lab. LeChatalier's principle. Determination of moles of copper & iron.
Hydrofluoric Acid	7664-39-3	NONE. Formerly used in: Glass etching.
Hydrogen	1333-74-0	Demo: Balloon filled with H <sub>2</sub> and O <sub>2</sub> vs. water vapor. Lab: pipette rockets. Explosive egg demo (combustion). Demonstration: 2 vol H <sub>2</sub> + 1 vol O <sub>2</sub> reacts much more strongly than 1 vol H <sub>2</sub> + 1 vol O <sub>2</sub> (validity of balanced equations) NOTE: Hydrogen can be generated with zinc + hydrochloric acid instead of purchased as a gas cylinder.

Chemical Name	CAS Number	Experiments - Processes Where Used
Hydrogen Bromide	10035-10-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydrogen Chloride	7647-01-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydrogen Peroxide ( <4%)	7722-84-1	Generation of oxygen gas. Catalyst labs. Some demos. Pipette rockets.
Hydrogen Peroxide ( 20% to 30% )	7722-84-1	Demo: Decomposition reaction. Generation of oxygen gas. Catalysts. Foam lab. Creation of more dilute solutions.
Hydrogen Peroxide ( 4% to 20% )	7722-84-1	Catalyst studies. Kinetics. Exothermic reactions.
Hydrogen Peroxide (>31% )	7722-84-1	NONE. No need for purchase of H <sub>2</sub> O <sub>2</sub> over 30% in concentration
Hydrogen Sulfide Gas	7783-06-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydrogen Sulfide Water	7783-06-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Hydroquinone	123-31-9	Reducing reagent. Constituent in photo developer.
Hydroxy Napthol Blue	165660-27-5	Indicator for calcium ions in the EDTA titration of milk.
Hydroxylamine Hydrochloride	5470-11-1	Reducing reagent. Constituent in photo developer.
Immersion Oil	Mixture	Compound microscopy
Immersion Oil - Containing PCBs	Mixture	NONE. Formerly used in: Compound microscopy

Chemical Name	CAS Number	Experiments - Processes Where Used
Indigo Carmine	860-22-0	Indicator. pH 11.6 blue to 13.0 yellow.
Indigo Dye	482-89-3	Stain.
Indole-3-Acetic Acid	87-51-4	Plant growth hormone
Indole-3-Butyric Acid	133-32-4	Plant growth hormone
Invertase	9001-57-4	Sugar used in carbohydrate lab.
Iodine	7553-56-2	Halide lab. Periodic properties of the elements. Qualitative analysis. Double displacement reactions. Stains carbohydrates in plant and animal specimens and glycogen (the main form of carbohydrate storage in animals.)
Iodine Potassium Iodide Solution	Mixture	Biology: dye cells to see nucleus & osmosis. Classic starch indicator
Iodine Tincture	Mixture	Starch test
Iron - Metal Lump	7439-89-6	Oxidation reduction reactions. Ferric chloride test for phenol. Determination of moles of copper & iron.
Iron - Powder	7439-89-6	Demonstration of magnetic fields. Making sparklers in advanced chemistry (redox reactions). Chemical and physical changes.
Iron Chloride	10025-77-1	Oxidation reduction reactions. Solubility & precipitation. Le Chatelier's Principle. Qualitative analysis. Solubility rules. Chemical names and formulas. Ingredient in Bial's Reagent.
Iron Nitrate - 9 Hydrate	7782-61-8	Magnetism of oxygen. Oxygen generation. Precipitate ID lab.

Chemical Name	CAS Number	Experiments - Processes Where Used
Iron Nitrate - Anhydrous	10421-48-4	Ionic reactions. Qualitative cation tests. Le Chatelier's Principle. Precipitate ID lab.
Iron Sulfide	1317-37-9	Qualitative analysis. Generation of hydrogen sulfide gas.
Isobutanol	78-83-1	Ester lab. Scent lab. Comparing reactions of 4 isomers of butanol.
Isopropanol	67-63-0	Le Chatelier's Principle. Flame test. Halide lab. Periodic properties of the elements. Qualitative displacement reactions. Redox. Stoichiometry. Tie-dying with Sharpie pens
Isopropyl Ether	108-20-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Isovaleric Acid	503-74-2	Ester lab. Scent lab (apple aroma)
Janus Green B	2869-83-2	Cell stain.
Kaolin	1332-58-7	Absorbant
Kerosene	8008-20-6	Flame tornado demo. Fuel. Ionic vs. molecular compounds.
Kinetin	525-79-1	Plant growth hormone
Kleermount in Xylene	Mixture	Used for mounting materials for microscopic examination
Knop's Solution	Mixture	For culturing algae.
Lactic Acid	50-21-5	Biochemical reactions

Chemical Name	CAS Number	Experiments - Processes Where Used
Lactose	63-42-3	Sugar used in carbohydrate lab.
Lanolin	8006-54-0	Animal fat.
Lanthanum Nitrate - Anhydrous	10099-59-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lanthanum Nitrate - Hexahydrate	15878-72-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Latex	<a href="#">9016-00-6</a>	Forming solid latex.
Lauric Acid	143-07-7	Heating and cooling curves. Molar mass determination from freezing point depression.
Lauroyl Peroxide	105-74-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead - Metal Lump	7439-92-1	Qualitative properties of the elements. Melting point lab.
Lead - Powder	7439-92-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Acetate - Dibasic	301-04-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Acetate - Monobasic	1335-32-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Arsenate	3687-31-8	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Lead Bromide	10031-22-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Carbonate	598-63-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Carbonate - Basic	1319-46-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Chloride	7758-95-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Chromate	7758-97-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Diiodide	10101-63-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Dioxide	1309-60-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Iodide	13779-98-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Monooxide	1317-36-8	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Lead Nitrate	10099-74-8	Double displacement reaction. Electrochemistry. Qualitative cation tests. Halide lab.Solubility rules lab in high school.
Lead Oxide	1317-36-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Sulfate	7446-14-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Sulfide	314-87-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lead Tetroxide	1314-41-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Levulose	57-48-7	Sugar used in carbohydrate lab.
Limewater	1305-62-0	Properties of gases. Diagnostic for Carbon Dioxide.
Linseed Oil	8001-26-1	Oil mixture, density.
Lipase	9001-62-1	Enzyme used in biology
Lithium - Metal Lump	7439-93-2	Reactivity of earth elements
Lithium - Powder	7439-93-2	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Lithium Aluminum Hydride	16853-85-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lithium Carbonate	554-13-2	Flame test.
Lithium Chloride	7447-41-8	Flame test. Flame tornado demo. Emission spectrometry.
Lithium Fluoride	7789-24-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Lithium Hydroxide - Anhydrous	1310-65-2	Properties of alkalis
Lithium Hydroxide - Monohydrate	1310-66-3	Properties of alkalis
Lithium Nitrate	7790-69-4	Identification of metal ions. Flame test. Electrochemistry.
Lithium Sulfate - Anhydrous	10377-48-7	Identification of metal ions. Flame test. Electrochemistry.
Lithium Sulfate - Hydrate	10102-25-7	Identification of metal ions. Flame test. Electrochemistry.
Litmus	1393-92-6	pH indicator
Lugol's Iodine	Mixture	Biology: dye cells to see nucleus & osmosis. Starch indicator.
Lull-A-Fly	Mixture	Biology: Anesthetic for fruit fly lab.



Chemical Name	CAS Number	Experiments - Processes Where Used
Luminol	521-31-3	Photochemical reactions. Oxidation results in chemiluminescence. Detection of copper, iron, peroxides and cyanides.
Lycopodium	8023-70-9	Combustion demo
Lysine HCl	70-54-2	Amino acid used in biology
Lysozyme	12650-88-3	Enzyme used in biology
Magnesium - Metal Lump	7439-95-4	Reactivity of metals lab. Place Mg turnings in water & drop of phenolphthalein, record reaction rate. Demo: Synthesis reaction. Burn Mg to make MgOxide. Electrochemistry. Determination of molar volume of a gas. Chemical changes: reactions of copper.
Magnesium - Powder	7439-95-4	Making sparklers. Restrict to advanced chemistry.
Magnesium Acetate	16674-78-5	Qualitative analysis. Double displacement reactions.
Magnesium Bromide - Anhydrous	7789-48-2	Qualitative analysis. Double displacement reactions.
Magnesium Bromide - Hexahydrate	13446-53-2	Qualitative analysis. Double displacement reactions.
Magnesium Carbonate - Anhydrous	546-93-0	Qualitative analysis. Double displacement reactions.
Magnesium Carbonate - Hydrate	56378-72-4	Qualitative analysis. Double displacement reactions.
Magnesium Chloride - Anhydrous	7786-30-3	LeChatalier's principle. Qualitative analysis. Double displacement reactions.

Chemical Name	CAS Number	Experiments - Processes Where Used
Magnesium Chloride - Hexahydrate	7791-18-6	LeChatalier's principle. Qualitative analysis. Double displacement reactions.
Magnesium Hydroxide	1309-42-8	Antacid lab. Bleaching reactions
Magnesium Nitrate - Anhydrous	10377-60-3	Qualitative analysis. Double displacement reactions. Reactivity lab (which metal is most reactive?)
Magnesium Nitrate - Hexahydrate	13446-18-9	Qualitative analysis. Double displacement reactions. Reactivity lab (which metal is most reactive?)
Magnesium Oxide	1309-48-4	Physical and chemical properties of matter
Magnesium Perchlorate	10034-81-8	NONE. Formerly used in: Thermite reaction
Magnesium Sulfate	7487-88-9	Dehydration. Crystallization. Oxidation reduction reactions. Electrochemistry. Formula of a hydrate.
Malachite Green	2437-29-8	Stain. Indicator: pH 0.0 yellow to 2.0 green, and 11.6 blue-green to 14.0 colorless.
Maleic Acid	110-16-7	Identification of alkenes. Conversion to fumaric acid by addition of bromine water (geometric isomer lab)
Malonic Acid	141-82-2	Lab on making solutions. Creating a reversing reaction
Maltose, D- - Anhydrous	69-79-4	Sugar used in carbohydrate lab.
Maltose, D- - Monohydrate	6363-53-7	Sugar used in carbohydrate lab.
Manganese - Metal Lump	7439-96-5	Properties of gases.

Chemical Name	CAS Number	Experiments - Processes Where Used
Manganese - Powder	7439-96-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Manganese (II) Chloride - Anhydrous	7773-01-5	Properties of matter. Ionic reactions. Qualitative analysis of anions. Crystal formation.
Manganese (II) Chloride Tetrahydrate	13446-34-9	Properties of matter. Ionic reactions. Qualitative analysis of anions. Crystal formation.
Manganese (II) Nitrate - Anhydrous	10377-66-9	Properties of matter. Ionic reactions. Qualitative analysis of anions.
Manganese (II) Nitrate - Tetrahydrate	20694-39-7	Properties of matter. Ionic reactions. Qualitative analysis of anions.
Manganese (II) Sulfate - Anhydrous	7785-87-7	Properties of matter. Ionic reactions. Qualitative analysis of anions. Lab on making solutions. Creation of a reversing reaction. Temperature experiment solution.
Manganese (II) Sulfate - Monohydrate	10034-96-5	Properties of matter. Ionic reactions. Qualitative analysis of anions. Lab on making solutions. Creation of a reversing reaction. Temperature experiment solution.
Manganese Carbonate	598-62-9	Properties of matter. Ionic reactions. Qualitative analysis of anions.
Manganese Peroxide	1313-13-9	Catalyst for hydrogen release from hydrogen peroxide.

Chemical Name	CAS Number	Experiments - Processes Where Used
Mannitol	87-78-5	Sugar used in carbohydrate lab.
Menthol	89-78-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Mercaptoethanol	60-24-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Mercuric Bichloride	7487-94-7	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercuric Chloride	7546-30-7	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercuric Iodide	7774-29-0	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercuric Nitrate monohydrate	7783-34-8	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercuric Sulfate	7783-35-9	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercurochrome	129-16-8	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercurous Chloride	10112-91-1	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercurous Nitrate	7782-86-7	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercurous Nitrate (mercury (I) nitrate)	14836-60-3	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools

Chemical Name	CAS Number	Experiments - Processes Where Used
Mercurous Sulfate	7783-36-0	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercury - Elemental	7439-97-6	Used in barometric pressure lab (only in wall mounted barometer.) All other uses are banned in WA schools.
Mercury Oxide	21908-53-3	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercury Sulfide	1344-48-5	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Mercury Thermometers	7439-97-6	NONE: Mercury compounds, thermometers and elemental mercury are banned from WA schools
Methanol	67-56-1	Alcohol burners. Ester lab. Scent lab. Making biodiesel. Determination of density. Flame tornado demo. Commonly used in secondary schools.
Methionine	59-51-8	Amino acid used in biology
Methoxyethanol	109-86-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Blue		Stains collagen and connective tissue.
Methyl Bromide	744-83-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Cellulose	9004-67-5	Design and construction of an ice pack.

Chemical Name	CAS Number	Experiments - Processes Where Used
Methyl Ethyl Ketone	78-93-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Green	Mixture	Biology. Used as cell nucleus stain.
Methyl Iodide	74-88-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Isobutyl Ketone	108-10-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Isocyanate	624-83-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Isopropyl Ketone	563-80-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Mercaptan		NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Methacrylate	80-62-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Orange	547-58-0	Indicator: pH 3.0 red to 4.4 yellow.
Methyl Paraben	99-76-3	Mold inhibitor
Methyl Red	493-52-7	Indicator.
Methyl Red - Sodium Salt	845-10-3	Indicator. pH 4.4 red to 6.2 yellow.
Methyl Salicylate	119-36-8	Scent lab. Wintergreen smell.

Chemical Name	CAS Number	Experiments - Processes Where Used
Methyl Tert-Butyl Ether	1634-04-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methyl Violet	8004-87-3	Indicator. pH 0.1 yellow to 2.7 violet.
Methylamine	74-89-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methylchloromethyl Ether	10-73-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Methylene Blue	7220-79-3	Commonly used stain/indicator. Cell viewing. Stains acidic cell parts (animal, bacteria and blood specimens)
Methylene Chloride	75-09-2	Extraction of caffiene from black tea
Millon's Reagent	Mixture	NONE: Formerly used in protein determination. Mercury compounds are banned from Washington Schools.
Mineral Oil	8020-83-5	Lubricant properties. Solvent properties.
Molisch Reagent	Mixture	Carbohydrate testing.
Molybdenum - Metal Lump	7439-98-7	Qualitative properties of the elements.
Molybdenum - Powder	7439-98-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Molybdenum Oxide	18868-43-3	Qualitative analysis of metals
Molybdenum Trioxide	1313-27-5	Flame test.
Monosodium Glutamate	142-47-2	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Murexide	3051-09-0	Indicator for complex ion titrations.
Muriatic Acid	7647-01-0	NONE: Poor quality control. Use standard concentrations of hydrochloric acid.
Naphthalene	91-20-3	Demo favored by teachers of sophomores on nature of science (observation and inference). Melting point determination (safer substitutes available).
Naphthalene Acetic Acid	86-87-3	Plant hormone.
Naphthol, 1-	90-15-3	Used in making esters and dyes
Naphthol, 2-	135-19-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Naphthol-6-Sulfonic Acid - Sodium Salt	135-76-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Naphthylamine	134-32-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Naphthylethylenediamine Dihydrochloride	1465-25-4	Detection of nitrogen dioxide in air. Quantitative reagent for sulfa drugs.
Neodymium Chloride	13477-89-9	Spectroscopy.
Nessler's Reagent	Mixture	NONE: Formerly used for ammonia test. Mercury compounds are banned from Washington schools.



Chemical Name	CAS Number	Experiments - Processes Where Used
Neutral Red	553-24-2	Indicator. pH 6.8 red to 8.0 yellow.
Niacin	59-67-6	Vitamin B-6
Nickel - Metal Lump	7440-02-0	Qualitative properties of the elements. Magnetism lab.
Nickel - Powder	7440-02-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Nickel Acetate	373-02-4	Qualitative analysis. Double displacement reactions.
Nickel Ammonium Sulfate	15699-18-0	Qualitative analysis. Double displacement reactions.
Nickel Chloride - Anhydrous	7718-54-9	Qualitative analysis. Double displacement reactions.
Nickel Chloride - Hexahydrate	7791-20-0	Qualitative analysis. Double displacement reactions.
Nickel Monoxide	1313-99-1	Qualitative analysis. Double displacement reactions.
Nickel Nitrate - Anhydrous	13138-45-9	Qualitative analysis. Double displacement reactions.
Nickel Nitrate - Hexahydrate	13478-00-7	Qualitative analysis. Double displacement reactions.

Chemical Name	CAS Number	Experiments - Processes Where Used
Nickel Sulfate - Anhydrous	7786-81-4	Qualitative analysis. Double displacement reactions. Crystal lab.
Nickel Sulfate - Hexahydrate	10101-97-0	Qualitative analysis. Double displacement reactions. Crystal lab.
Nickel Trioxide	1314-06-3	Qualitative analysis. Double displacement reactions.
Nicotine	54-11-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Nigrosin	8005-03-6	Negative bacterial stain.
Ninhydrin	485-47-2	Fingerprint lab. Protein indicator.
Nitric Acid (<1 molar)	7697-37-2	Qualitative cation tests.
Nitric Acid (>6 molar)	7697-37-2	Chemical changes: reactions of copper. Inexpensive way to purchase it and dilute it.
Nitric Acid (1 molar to 6 molar)	7697-37-2	Qualitative analysis of anions. Magnetism of oxygen. Oxygen generation.
Nitrilotriacetic Acid	139-13-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Nitroacetanilide	104-04-1	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Nitrobenzaldehyde	552-89-6	NONE: Formerly used in preparation of indigo dye
Nitrobenzene	98-95-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Nitrocellulose	9904-70-0	Pyrotechnics demo.
Nitrogen	7727-37-9	Qualitative properties of the elements.
Nitrogen Triiodide	13444-85-4	NOT NEEDED in secondary science ed based on input from experienced science teachers. Formerly used in creation of extremely shock-sensitive crystals.
Nitroglycerin	55-63-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Nitrophenol, 3-	554-84-7	NONE: Formerly used as indicator. pH 6.8 colorless to 8.6 yellow
Nitrophenol, 4-	100-02-7	NONE. Formerly used as indicator: pH 5.6 colorless to 7.6 yellow
Nitrophenylazo Resorcinol	74-39-5	Reagent for detection of magnesium.
Nitrosodimethylamine, N-	62-75-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Octadecanol	112-92-5	Melting points.

Chemical Name	CAS Number	Experiments - Processes Where Used
Octanol, 1-	111-87-5	Ester lab. Scent lab.
Octanol, 2-	123-96-6	Ester lab. Scent lab.
Octyl Phenol	140-66-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Oleic Acid	112-80-1	Ester lab. Scent lab.
Onion's Fusible Alloy	Mixture	Melting points.
Orange G	1936-15-8	Indicator. pH 11.5 yellow to 14.0 pink.
Orange IV	554-73-4	Indicator. pH 1.4 red to 2.6 yellow. Biological stain.
Orcein	1400-62-0	Stain for connective tissue fibers.
Orcinol	6153-39-5	Indicator. Ingredient in Bial's Reactant for testing sugars
Ortho-dichlorobenzene	95-50-1	Heating and cooling curves. Safer alternative is Lauric Acid.
Osmium Tetroxide	20816-12-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Oxalic Acid - Anhydrous	144-62-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Oxalic Acid - Dihydrate	6153-56-6	Ester lab. Addition reaction. Titration of Sodium Hydroxide with Oxalic & Citric acids.

Chemical Name	CAS Number	Experiments - Processes Where Used
Oxygen	7782-44-7	Demo: hydrogen & oxygen filled ballon vs. ballon filled with water vapor to prove water doesn't decompose when boiled. NOTE: oxygen is generated, not purchased. Volume and mass of a gas lab.
Palmitic Acid	57-10-3	Fatty acid.
Pancreatin	8049-47-6	Starch hydrolysis lab.
Papain	9001-73-4	Enzyme used in biology
Para-dichlorobenzene	106-46-7	Heating and cooling curves. Safer alternative is Lauric Acid.
Paraffin	8002-74-2	Cooling of paraffin wax lab.
Paraformaldehyde	30525-89-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Paraldehyde	123-63-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Paris Green	12002-03-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Penicillin G Sodium	69-57-8	Biology - resistance of bacteria
Pentachlorophenol	87-86-5	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Pentane	109-66-0	Boiling points of straight chain alkanes. Substitute is less toxic Heptane.
Pentanol, 1-	71-41-0	Ester lab. Scent lab. Solvent properties.
Pentanol, 2-	123-51-3	Ester lab. Scent lab.
Peppermint Oil	8006-90-4	Scents.
Pepsin	9001-75-6	Human body systems lab
Peptone		Bacteriological media used in biology
Perchloric Acid	7601-90-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Perchloroethylene	127-18-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Permunt	Mixture	Microscopy
Petrolatum	8009-03-8	Lubricant properties.
Petroleum Ether	8032-32-4	Chromatography solvent. Safer substitute solvent for many aromatic and chlorinate solvents.

Chemical Name	CAS Number	Experiments - Processes Where Used
pH 10 Buffer - Ammonium Hydroxide	Mixture	Buffer solution. pH lab.
pH 10 Buffer - Borate	Mixture	Buffer solution. Calibration of pH meters.
pH 10 Buffer - Clear	Mixture	Buffer solution. pH lab.
pH 4 Buffer - Acetate	Mixture	Buffer solution. pH lab.
pH 4 Buffer - Biphthalate	Mixture	Buffer solution. pH lab.
pH 7 Buffer - Phosphate	Mixture	Buffer solution. pH lab.
pH 7.4 Buffer - Tris	Mixture	Buffer solution.
Phenanthroline	5144-89-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phenol	108-95-2	NONE. Formerly used in: Ferric chloride test for phenol.
Phenol Red	34487-61-1	Indicator

Chemical Name	CAS Number	Experiments - Processes Where Used
Phenolphthalein	77-09-8	pH indicator
Phenolphthalein - Ethanol Solution	Mixture	pH indicator in several labs. Ammonia ghost lab.
Phenyl Salicylate	118-55-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phenylarsine Oxide - Solid	637-03-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phenylarsine Oxide - Solution	637-03-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phenylhydrazine Hydrochloride	59-88-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phenylthiocarbamide	103-85-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phloroglucinol	6099-90-7	Sugar indicator.
Phosphomolybdic Acid	51429-74-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phosphoric Acid (<1 molar)	7664-38-2	Acid base titrations
Phosphoric Acid (>6 molar)	7664-38-2	Stock acid. Density-pH-diffusion demonstration. Aspirin lab.
Phosphoric Acid (1 molar to 6 molar)	7664-38-2	Acid base titrations



Chemical Name	CAS Number	Experiments - Processes Where Used
Phosphorus - Red	7723-14-0	NONE. Formerly used in: Safety match demo.
Phosphorus - White	7723-14-0	NONE. Formerly used in: Pyrophoric compound demo.
Phosphorus - Yellow	7723-14-0	NONE. Formerly used in: Pyrophoric compound demo.
Phosphorus Pentasulfide	1314-80-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phosphorus Pentoxide	1314-56-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phosphorus Trichloride	7719-12-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Phthalic Anhydride	85-44-9	Plastic polymer lab.
Physostigmine	57-47-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Picric Acid	88-89-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Polyethylene Glycol	25322-68-3	Slime.
Polyurethane Foam - Part A	Mixture	Rigid foam lab

Chemical Name	CAS Number	Experiments - Processes Where Used
Polyurethane Foam – Part B	Mixture	Rigid foam lab
Polyvinyl Alcohol	9002-89-5	Slime lab. Polymer lab.
Potassium - 0.5 gram Chips	7440-09-7	Demo showing reactivity of metals, comparing K, Na, Li, Mg, Ca
Potassium - Chunks	7440-09-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Acetate	127-08-2	Qualitative analysis. Double displacement reactions.
Potassium Bicarbonate	298-14-6	Qualitative analysis. Double displacement reactions.
Potassium Binoxalate	127-95-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Bisulfate	7647-93-7	Qualitative analysis. Double displacement reactions.
Potassium Bitartrate	868-14-4	Buffer. pH standard. Chemistry of foodstuffs.

Chemical Name	CAS Number	Experiments - Processes Where Used
Potassium Bromate	7758-01-2	Qualitative analysis. Double displacement reactions.
Potassium Bromide	7758-02-3	Qualitative analysis. Double displacement reactions. Halide lab. Periodic properties of the elements. Silver "one pot" lab.
Potassium Carbonate - Anhydrous	584-08-7	Solubility & precipitation.
Potassium Carbonate - Sesquahydrate	6381-79-9	Qualitative analysis. Double displacement reactions.
Potassium Chlorate	3811-04-9	Oxidation of sugar. Safety match demo.
Potassium Chloride	7447-40-7	Freezing point depression. Flame test. Ionic reactions. Qualitative analysis of anions. Determination of density. Ice cream lab. Halide lab. Conductivity in water (piezo buzzer)
Potassium Chromate	7789-00-6	NONE. Formerly used in: Qualitative cation tests.
Potassium Citrate	6100-05-6	Buffer solution.
Potassium Cyanide	151-50-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Dichromate	7778-50-9	Double displacement lab. Redox reactions. Qualitative assessment of valence changes. Oxygen generation with manganese dioxide.

Chemical Name	CAS Number	Experiments - Processes Where Used
Potassium Ferricyanide	13746-66-2	Oxidation of ascorbic acid. An anti-oxidant. Used to make blueprint ink (prussian blue). Corrosion of iron lab. Crystal lab.
Potassium Ferrocyanide	14459-95-1	Qualitative cation tests.
Potassium Fluoride	7789-23-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Hydrogen Phthalate	877-24-7	Buffer solution.
Potassium Hydroxide - Solid	1310-58-3	Making stock alkali solutions. Making biodiesel
Potassium Hydroxide (<1 molar)	1310-58-3	Stock alkali solution.
Potassium Hydroxide (>6 molar)	1310-58-3	Fehling's sugar test.
Potassium Hydroxide (1 molar to 6 molar)	1310-58-3	Stock alkali solution.
Potassium Iodate	7758-05-6	Iodine clock reaction.
Potassium Iodide	7681-11-0	Used to prepare starch indicator and dissolved oxygen test reagents. Forensic science lab.
Potassium Nitrate	7757-79-1	Qualitative analysis of anions. Flame test. Solubility lab. Test for sulfate ions. Test for vitamin C.

Chemical Name	CAS Number	Experiments - Processes Where Used
Potassium Nitrite	7758-09-0	Qualitative displacement reactions. Redox. Stoichiometry.
Potassium Oxalate	6487-48-5	Qualitative analysis. Double displacement reactions.
Potassium Perchlorate	7778-74-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Periodate	7790-21-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Permanganate	7722-64-7	Properties of matter. Oxidation of alkanes, alkenes & alcohols. Oxidation of glycerin. Conductivity in water (piezo buzzer). Used frequently as a dye, indicator and oxidizing agent. Treats fish for fungal disease.
Potassium Peroxide	17014-71-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Potassium Persulfate	7727-21-1	Qualitative analysis. Double displacement reactions.
Potassium Phosphate - Dibasic	7758-11-4	Buffer.
Potassium Phosphate - Monobasic	7778-77-0	Buffer.
Potassium Phosphate - Tribasic	7778-53-2	Buffer.
Potassium Sodium Tartrate	6381-59-5	Catalyst studies. Kinetics. Fehling's sugar test.
Potassium Sulfate	7778-80-5	Qualitative analysis. Double displacement reactions. Redox.

Chemical Name	CAS Number	Experiments - Processes Where Used
Potassium Sulfide	1312-73-8	Stoichiometry
Potassium Tartrate	921-53-9	Qualitative analysis. Double displacement reactions. Redox.
Potassium Thiocyanate	333-20-0	Qualitative analysis (combines with ferric chloride to form blood red color). Equilibrium. Le Chatelier's principle.
Praseodymium Chloride	10361-79-2	Demo: Absorption spectrum.
Propane	74-98-6	Fuel gas for small torches.
Propanol	71-23-8	Ester lab
Propiolactone, b-	57-57-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Propionic Acid	79-09-4	Organic acid. Ester lab. Addition reaction.
Propylene Glycol	57-55-6	Design and construction of an ice pack.
Pyridine	110-86-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Pyrogallol	87-66-1	Oxygen indicator
Quinine Sulfate	6119-70-6	Biology. Taste test (bitter)
Resazurin	62758-13-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Resorcinol	108-46-3	Seliwanoff's reactant for sugar identification lab.

Chemical Name	CAS Number	Experiments - Processes Where Used
Rhodamine B	81-88-9	Dye
Ringer's Solution	Mixture	Biological preservative for excised tissues.
Rose Bengal	632-69-9	Indicator
Safranin O	477-73-6	Indicator. Commonly used for counterstaining nuclei red. Cartilage is stained yellowish.
Safranin Staining Solution	Mixture	Histology stain.
Salicylic Acid	69-72-7	Plant hormone. Aspirin lab.
Schiff Reagent	Mixture	Test reagent for aldehydes.
Sebacoyl Chloride	111-19-3	Nylon experiment.
Sebacoyl Chloride/Hexane Solution	Mixture	Nylon experiment.
Selenium - Metal Lump	7782-49-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Selenium - Powder	7782-49-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Silica Gel	7631-86-9	Thin layer chromatography

Chemical Name	CAS Number	Experiments - Processes Where Used
Silicon	7440-21-3	Qualitative properties of the elements. Metal -nonmetal lab.
Silicon Oil	63148-62-9	Lubricant properties.
Silicon Tetrafluoride	7783-61-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Silver - Metal Lump	7440-22-4	Qualitative properties of the elements.
Silver Acetate	563-63-3	Solubility and displacement
Silver Chloride	7783-90-6	Solubility and displacement.
Silver Cyanide	506-64-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Silver Nitrate	7761-88-8	Double displacement reaction. Qualitative analysis of anions. Photochemistry. Tollen's test for aldehydes (Silver mirror). Solubility & precipitation. Halide lab. Source of silver ions.
Silver Oxide	20667-12-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Silver Sulfate	10294-26-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Soda Lime	8006-28-8	Scrubbing of CO <sub>2</sub> . Demo: Exothermic reactions.
Sodium - 0.5 Gram Pieces	7440-23-5	Small chips for Reactivity of metals. Compare with Li, Mg, Ca. Properties of the elements.



Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium - Chunks	7440-23-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Acetate - Anhydrous	127-09-3	Buffer. Supercooling lab. Supersaturation lab.
Sodium Acetate - Hydrate	6131-90-4	Buffer. Supercooling lab. Supersaturation lab.
Sodium Alginate	9005-38-3	Demo in advanced chemistry. Ingredient in antacid
Sodium Arsenate	10048-95-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Arsenite	7784-46-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Azide	26628-22-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Benzoate	532-32-1	Preservative.
Sodium Bicarbonate	144-55-8	Identification of metal ions. Flame test.
Sodium Bifluoride	1333-83-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Bismuthate	12232-99-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Bisulfate - Anhydrous	7681-38-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Bisulfate - Monohydrate	10034-88-5	LeChatalier's principle.

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Bisulfite	7631-90-5	Sulfur source. Qualitative analysis. Demo and determination of Ka lab in advanced chemistry. Acid-base test in Junior High.
Sodium Borate	1303-96-4	Slime lab. Crystal lab. Viscosity lab.
Sodium Borohydride	16940-66-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Bromate	7789-38-0	Not NEEDED in secondary science ed based on input from experienced science teachers. Potassium bromate is substitute.
Sodium Bromide	7647-15-6	Qualitative analysis of anions. Halide lab. Antimicrobial. Used in "Protoslow" solution.
Sodium Carbonate	497-19-8	Qualitative analysis of anions.
Sodium Chlorate	7775-09-9	Oxygen generator. Used as oxidizer in reactions.
Sodium Chloride	7647-14-5	Flame test. Corrosion of metals. Double displacement reactions. Ice cream lab.
Sodium Chromate - Anhydrous	7775-11-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Chromate - Tetrahydrate	10034-82-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Citrate	6132-04-3	Buffer. Chemistry of foodstuffs (taste). Antioxidant.

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Cobaltinitrite	13600-98-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Cyanide	143-33-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Deoxycholate	302-95-4	Water soluble ionic detergent/bile salt used in cell lysis, preventing binding in chromatography & cell culture media.
Sodium Dichloroindophenol	620-45-1	Plant hormone.
Sodium Dichromate - Anhydrous	10588-01-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Dichromate - Dihydrate	7789-12-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Diphenylamine Sulfonate	6152-67-6	Redox indicator.
Sodium Dithionite	7775-14-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Ferricyanide	14402-89-2	NONE: Can use potassium ferricyanide as a substitute.
Sodium Ferrocyanide	13601-19-9	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Fluoride	7681-49-4	Copper one-point lab.
Sodium Fluoroacetate		NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Hexametaphosphate	10124-56-8	Ion exchange resin. Water softener.
Sodium Hydroxide - Solid	1310-73-2	Make solutions for labs, not used by students. LeChatalier's principle. Making biodiesel.
Sodium Hydroxide - solution (<1 molar)	1310-73-2	Titration lab, precipitation reactions. Qualitative cation tests. pH rainbow tube. Acid base reactions.
Sodium Hydroxide - solution (>6 molar )	1310-73-2	Hydrolysis of proteins. Le Chatelier's Principle. Chemical changes: reactions of copper. Acid base reactions (small amounts).
Sodium Hydroxide - solution (1 M to 6 M)	1310-73-2	Titration lab. Precipitation reactions. Double displacement reactions. Tollen's test for aldehydes (Silver mirror). Solubility.
Sodium Hypochlorite - Solution (<6%)	7681-52-9	Disinfection. Observations of chemical changes. Hydrolysis of aspirin. Reaction of chlorine with acetylene demo.
Sodium Hypochlorite - Solution (>6%)	7681-52-9	Bleaching.
Sodium Iodate	7681-55-2	Not NEEDED in secondary science ed based on input from experienced science teachers. Potassium iodate is substitute.

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Iodide	7681-82-5	Identification of metal ions. Electrochemistry. Flame test. Qualitative analysis. Double displacement reactions. Solubility lab.
Sodium Lactate	72-17-3	Food preservative.
Sodium Lauryl Sulfate	151-21-3	DNA Extraction. Melting lab.
Sodium Metabisulfite	7681-57-4	Iodine clock reaction
Sodium Metasilicate	13517-24-3	Density lab
Sodium Molybdate - Anhydrous	7631-95-0	Dehydrogenation of methanol.
Sodium Molybdate - Dihydrate	10102-40-6	Dehydrogenation of methanol.
Sodium Nitrate	7631-99-4	Properties of matter. Gravimetric analysis. Solubility & precipitation. Flame test. Several different solubility labs.
Sodium Nitrite	7632-00-0	Test for serum acetaminophen. Identification of gases. Antibacterial. Color preservative in foods.
Sodium Nitroferricyanide	13755-38-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sodium Oleate	143-19-1	Bathtub scum demo

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Oxalate	62-76-0	Corrosion of iron.
Sodium Perborate	10486-00-7	Not NEEDED in secondary science ed based on input from experienced science teachers.
Sodium Perchlorate	7601-89-0	NOT NEEDED in secondary science ed based on input from experienced science teachers. Has been used in pyrotechnics labs with poor results due to hygroscopic properties.
Sodium Peroxide	1313-60-6	NONE. Formerly used in: Thermal reactions.
Sodium Phosphate - Dibasic - Anhydrous	7558-79-4	Buffer.
Sodium Phosphate - Dibasic - Heptahydrate	7782-85-6	Buffer.
Sodium Phosphate - Monobasic	10049-21-5	Ionic reactions. Qualitative analysis of anions. Solubility & precipitation.
Sodium Phosphate - Tribasic	10101-89-0	Reactivity of non-metals. Foam lab. Catalysts. Exothermic reactions. Ionic reactions. Qualitative analysis of anions. Halide lab. Emission spectra.
Sodium Polyacrylate	9003-04-7	Polymer lab. Water-look from baby's diapers.
Sodium Rhodizonate	523-21-7	Lead testing reagent. Must be made fresh.
Sodium Salicylate	54-21-7	Ester lab. Scent lab.
Sodium Silicate	1344-09-8	Polymer lab. Silicone superball lab.

Chemical Name	CAS Number	Experiments - Processes Where Used
Sodium Sulfamate	13845-18-6	Not needed
Sodium Sulfate	7727-73-3	Properties of matter. LeChatalier's principle. Oxidation reduction reactions.
Sodium Sulfide	1313-84-4	Qualitative reagent. Sulfide source. Used to precipitate other ions for disposal.
Sodium Sulfite	7757-83-7	Precipitate studies
Sodium Tartrate Anhydrous	868-18-8	Emulsion preparation.
Sodium Tartrate Dihydrate	6106-24-7	Emulsion preparation.
Sodium Thiocyanate	540-72-7	Ferric ion indicator.
Sodium Thiosulfate - Anhydrous	7772-98-7	Reduction of halogens.
Sodium Thiosulfate - Pentahydrate	10102-17-7	Clean up strong oxidizing agents. Reaction rate lab. Kinetics.
Sodium Tungstate	10213-10-2	Oxidation of alcohols into aldehydes and ketones.
Stannic Chloride	7646-78-8	Double displacement reaction. Redox. Flame test.
Stannous Chloride	7772-99-8	Double displacement reaction. Redox. Flame test.
Starch	9005-25-8	Iodine clock reaction

Chemical Name	CAS Number	Experiments - Processes Where Used
Stearic Acid - Laboratory Grade	Mixture	Soap making. Hand lotion-making lab. Properties of solids.
Stearic Acid - Reagent Grade	57-11-4	Soap making. Hand lotion-making lab. Properties of solids.
Streptomycin Sulfate	3810-74-0	Biology - resistance of bacteria
Strontium	7440-24-6	NONE. Formerly used in: Qualitative demonstration of the elements.
Strontium Bromide	7789-53-9	Flame test
Strontium Carbonate	1633-05-2	Not needed.
Strontium Chloride	10025-70-4	Flame test.
Strontium Hydroxide Octahydrate	1311-10-0	Comparative strengths of bases (weak base)
Strontium Hydroxide Solution	18480-07-4	Comparative strengths of bases (weak base)
Strontium Nitrate	10042-76-9	Double displacement reaction. Redox. Flame test.
Strychnine	57-24-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Styrene	100-42-5	Polymer lab.
Succinic Acid	110-15-6	Ester lab.
Sucrose	57-50-1	Oxidation reaction with potassium permanganate. By-product of biodiesel production.



Chemical Name	CAS Number	Experiments - Processes Where Used
Sudan III	85-86-9	Cell stain. Lipid detection.
Sudan III Solution	Mixture	Cell stain
Sudan IV	85-83-6	Cell stain. Lipid detection.
Sudan IV Solution	Mixture	Cell stain
Sudan Yellow	60-11-7	Cell stain
Sulfamic Acid	5329-14-6	Test for serum acetaminophen.
Sulfanilamide	63-74-1	Biology - resistance of bacteria
Sulfanilic Acid	121-57-3	Used to make organic dyes water soluble and wash-fast.
Sulfosalicylic Acid	5965-83-3	Test for albumin in urine. Colorometric reagent for ferric ion
Sulfur - Precipitated	7704-34-9	Melting point lab. Copper and sulfur reaction lab. Chemical and physical change lab.
Sulfur Dioxide	7446-09-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sulfur Hexafluoride	2551-62-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Sulfurated Potash	39365-88-3	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Sulfuric Acid (<1 molar)	7664-93-9	Iodine clock reaction. Gravimetric analysis. Commonly used acid in secondary school labs.
Sulfuric Acid (>6 molar)	7664-93-9	Dehydration of sucrose lab. Oxidation of sucrose. Compounding of aspirin. Chemical changes: reactions of copper. Stock reagent.
Sulfuric Acid (1 molar to 6 molar)	7664-93-9	Reversible reactions. Oxidation-reduction. Photochemistry.
Talc	14807-96-6	unknown
Tannic Acid	1401-55-4	Mordant used in dyeing fabrics
Tartaric Acid	87-69-4	Racemic lab. pH lab. Crystal lab.
Tert-Butanol	75-65-0	Lucas test for primary, secondary & tertiary alcohols. Reactivity of alcohols.
Testosterone	58-22-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Testosterone Propionate	57-85-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tetrabromoethane	79-27-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tetracycline Hydrochloride	64-75-5	Biology - resistance of bacteria
Tetrafluoroethylene	116-14-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tetrahydrofuran	109-99-9	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Tetramethyl-p-phenylenediamine Dihydrochloride	637-01-4	Oxidase Enzyme Determination
Thallium	7440-28-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Thermit	69012-31-3	Thermit reaction, once a year demo. Keep less than one pound on site. Demo requires blast shield & other protective equipment Only should be done by teachers with demonstrated safe experience performing this lab.
Thermit Igniting Sticks	Mixture	Thermit reaction, once a year demo. Keep less than one pound on site. Demo requires blast shield & other protective equipment Only should be done by teachers with demonstrated safe experience performing this lab.
Thiamine Hydrochloride	67-03-8	Biology reagent. Vitamin B1
Thimerosal	54-64-8	NOT NEEDED in secondary science ed based on input from experienced science teachers
Thioacetamide	62-55-5	Qualitative analysis. Replaces hydrogen sulfide gas. Limit purchases to 25 grams or less.
Thionin	581-64-6	Reversible reactions. Oxidation-reduction. Photochemistry.
Thionyl Chloride	7719-09-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Thiourea	62-56-6	Identification of bismuth and selenite ions. Used in commercially available taste strips to assess biological differences in people's sense of taste.

Chemical Name	CAS Number	Experiments - Processes Where Used
Thorium Nitrate	13823-29-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Thymol	89-83-8	Stain.
Thymol Blue	62625-21-2	LeChatalier's principle.
Thymolphthalein	125-20-2	Indicator pH 9.3 to 10.5
Thymolphthalein Solution	Mixture	Cell stain
Thyroxine	7488-70-2	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tin - Metal Lump	7440-31-5	Electrochemistry. Qualitative properties of the elements. Melting point lab. Corrosion of iron lab.
Tin - Powder	7440-31-5	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tin Oxide	18282-10-5	Double displacement reaction. Redox.
Titanium Dioxide	13463-67-7	Flame test.
Titanium Tetrachloride	7550-45-0	NOT NEEDED in secondary science ed based on input from experienced science teachers
Titanium Trichloride	7705-07-9	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Tollen's Reagent	Mixture	Tollen's test for aldehydes (Silver mirror). Solubility. Acidify IMMEDIATELY after the experiment is done or it becomes Explosive Make only enough for that day's experiment, DO NOT PURCHASE commercially.
Toluene	108-88-3	Advanced chemistry. Organic chemistry reactions requiring aromatic hydrocarbon.
Toluidine Blue O	92-31-9	Biological stain. Plant stem histology. Stains acidic cell parts (like nucleus). Good to show mitosis in plant cells.
Toluidine, o-	95-53-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Tricaine Methanesulfonate	886-86-2	Anesthetic and tranquilizer for cold-blooded animals and fish.
Trichloroacetic Acid	76-03-9	Plant growth lab.
Trichloroethane	71-55-6	NONE: Phased out under the Montreal Protocol. Formerly used for chlorophyll extraction.
Trichloroethylene	79-01-6	NONE: Phased out under the Montreal Protocol.
Trichlorotrifluoroethane	76-13-1	NONE: Phased out under the Montreal Protocol.
Triethanolamine	102-71-6	Common ingredient in personal care products. Unknown usefulness in schools.
Triethyl Phosphate	78-40-0	NOT NEEDED in secondary science ed based on input from experienced science teachers

Chemical Name	CAS Number	Experiments - Processes Where Used
Triethylamine	121-44-8	Anesthetic for Drosophila. Only purchase in prediluted solutions like Lull-A-Fly and Fly-Nap
Trimethylamine	75-50-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Trinitrobenzene	99-35-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Trinitrotoluene	118-96-7	NOT NEEDED in secondary science ed based on input from experienced science teachers
Triphenyl Tetrazolium Chloride	298-96-4	Redox indicator for cell respiration. Protein indicator.
Tris-Hydroxymethyl Aminomethane	77-86-1	Buffer for electrophoresis
Triton X-100	9036-19-5	Surfactant (very toxic to fish)
Turpentine	8006-64-2	NOT NEEDED in secondary science ed based on input from experienced science teachers. Formerly used in density labs and as oil paint thinner. Safer substitutes are available.
Tyrosine	60-18-4	Amino acid
Universal Indicator	Mixture	Indicator in acid/base demos & labs. pH rainbow tube. Used frequently.
Uranium	7440-61-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Uranyl Acetate	541-09-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Uranyl Nitrate	10102-06-4	NOT NEEDED in secondary science ed based on input from experienced science teachers

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Experiments - Processes Where Used</b>
Urea	57-13-6	Denaturing proteins. Tie-dye lab.
Urease	9002-13-5	Enzyme used in biology
Urethane	51-79-6	Polymer lab
Vanadium Pentoxide	1314-62-1	NOT NEEDED in secondary science ed based on input from experienced science teachers
Vegetable Oil	8001-22-7	Density lab. Organic & inorganic compounds.
Vinyl Chloride	75-01-4	NOT NEEDED in secondary science ed based on input from experienced science teachers
Vinyl Ether	109-93-3	NOT NEEDED in secondary science ed based on input from experienced science teachers
Winkler's Solution #1	Mixture	Dissolved oxygen test reagent
Winkler's Solution #2	Mixture	Dissolved oxygen test reagent
Wood's Metal	Mixture	NONE. Formerly used in: Melting points. Onion's Fusible metal is a safer substitute.
Wright's Stain	68988-92-1	Blood stain
Wright's Stain Solution	Mixture	Blood stain. 99.7% alcohol
Xylene	1330-20-7	Thinner for immersion oil. Solubility lab.
Xylose	58-86-6	Properties of sugars.

Chemical Name	CAS Number	Experiments - Processes Where Used
Yttrium Oxide	1314-36-9	NOT NEEDED in secondary science ed based on input from experienced science teachers
Zenker's Fixative	Mixture	NONE. Formerly used in tissue fixation. Mercury compound.
Zeolite	1318-02-1	Ion exchange resin.
Zinc - Metal Lump	7440-66-6	Acid reaction with metals. Energy machines & motion lab. Oxidation reduction reactions. Electrochemistry. Explosive egg demo (combustion).
Zinc - Powder	7440-66-6	Gold penny lab.
Zinc Acetate	5970-45-6	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Carbonate	3486-35-9	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Carbonate - Basic	5970-47-8	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Chloride	7646-85-7	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry. Gold penny lab.
Zinc Nitrate - Anhydrous	7779-88-6	NOT NEEDED in secondary science ed based on input from experienced science teachers
Zinc Nitrate - Hexahydrate	10196-18-6	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry. Activity series lab.
Zinc Oxide	1314-13-2	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Stearate	557-05-1	Frictionless powder. Identification of polar and nonpolar molecules.



Chemical Name	CAS Number	Experiments - Processes Where Used
Zinc Sulfate - 7-Hydrate	7746-20-0	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Sulfate - Anhydrous	7733-02-0	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Sulfate - Monohydrate	7746-19-7	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry
Zinc Sulfide	1314-98-3	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry. Phosphorescence lab.
Zirconium Tetranitrate	13746-89-9	Qualitative analysis. Redox reactions. Double displacement reactions. Electrochemistry

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Abscisic Acid		Solid Waste	1
Acetal		Lab Pack	2
Acetaldehyde		Highly reactives contractor evaluation/treatment. Then lab pack.	3
Acetamide		Lab Pack	2
Acetanilide		Lab Pack	3
Acetic Acid (<1 Molar)	Acetic Acid - Dilute	Neutralize to pH 6 to 9, then OK to sewer	1
Acetic Acid (>6 Molar)	Glacial Acetic Acid	If <100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Acetic Acid (1 Molar to 6 Molar)	Acetic Acid - Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	2
Acetic Anhydride		Lab Pack	3
Aceto Carmine	0.5% Carmine + 45% Acetic Acid	Lab Pack	2
Acetone		Lab Pack	1
Acetonitrile		Lab Pack	2
Aceto-Orcein Solution	45% Acetic Acid + 2% Orcein	Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Acetyl Chloride		Lab Pack	3
Acetylcholine Bromide	Acetylcholine Bromide, dry	Lab Pack	1
Acetylcholine Bromide Solution	Acetylcholine Bromide + 99.9% water	Lab Pack	1
Acetylcholine Chloride	Acetylcholine Chloride, dry	Lab Pack	1
Acetylcholine Chloride Solution	Acetylcholine Chloride + 99.9% water	Lab Pack	1
Acetylene	Welding Gas	Compressed gas contractor.	0
Acetylsalicylic Acid		Lab Pack	2
Acridine Orange		Lab Pack	2
Acrolein		Lab Pack	4
Acrylamide		Lab Pack	2
Acrylic Acid		Highly reactives contractor evaluation/treatment. Then lab pack.	3
Acrylonitrile		Lab Pack	4

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Adenine		Lab Pack	2
Adenosine Triphosphate		Lab Pack	1
Adipic Acid		Lab Pack	1
Adipoyl Chloride		Lab Pack	2
Adipoyl Chloride - Hexane Solution	95% Hexane + 5% Adipoyl Chloride	Lab Pack	2
Adrenaline		Lab Pack	3
Adrenaline Chloride Solution	99.9% Water + 0.01% Adrenaline Chloride + 0.1% Sodium Metabisulfite	Lab Pack	2
Agar		Solid Waste	1
Agarose		Solid Waste	1
Aitch-tu-ess Cartridges	47% Sulfur + 31% Quartz + 21% Asphalt + 1% CI Pigment Blue	Lab Pack	2
Alanine, DL-	Alanine	Solid Waste	1
Alanine, L-	Alanine	Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Albumin	Egg or Bovine sources	Solid Waste	0
Alconox	General purpose laboratory detergent	Solid Waste	1
Alizarin		Lab Pack	2
Alizarin Red S		Lab Pack	2
Alizarin Yellow R		Lab Pack	1
Alkaline Iodide Azide	50% Sodium Hydroxide + 15% Potassium Iodide + 1% Sodium Azide	Lab Pack	3
Alkaline Potassium Iodide	60% Potassium Hydroxide + 15% Potassium Iodide	Lab Pack	3
Allyl Chloride		Lab Pack	3
Aluminon		Lab Pack	1
Aluminum - Metal Lump		Solid Waste	0
Aluminum - Powder		Lab Pack	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Aluminum Ammonium Sulfate		Solid Waste	1
Aluminum Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Aluminum Chloride - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Aluminum Hydroxide		Solid Waste	1
Aluminum Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Aluminum Nitrate - Nonahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Aluminum Oxide		Lab Pack	1
Aluminum Potassium Sulfate		Solid Waste	1
Aluminum Sodium Sulfate		Solid Waste	1
Aluminum Sulfate - 18 hydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Aluminum Sulfate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Aminodiphenyl, 4-		Lab Pack	2
Ammonium Acetate		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ammonium Bicarbonate		Solid Waste	1
Ammonium Bifluoride		Lab Pack	3
Ammonium Bromide		Lab Pack	2
Ammonium Carbonate		Solid Waste	2
Ammonium Chloride		Lab Pack	2
Ammonium Chromate		Lab Pack	2
Ammonium Citrate		Solid Waste	1
Ammonium Dichromate		Lab Pack	2
Ammonium Fluoride		Lab Pack	2
Ammonium Hydroxide (<1 Molar)	Household Ammonia	Neutralize to pH 6 to 9, then OK to sewer	2
Ammonium Hydroxide (>6 Molar)	Concentrated Ammonium Hydroxide	Lab Pack	3
Ammonium Hydroxide (1 Molar to 6 Molar)	Aqua Ammonia	Lab Pack	3
Ammonium Iodide		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ammonium Metavanadate		Lab Pack	3
Ammonium Molybdate		Lab Pack	1
Ammonium Nitrate		Lab Pack	1
Ammonium Nitrite		Highly reactive contractor evaluation/treatment. Then lab pack.	1
Ammonium Oxalate - Anhydrous		Lab Pack	2
Ammonium Oxalate - Monohydrate		Lab Pack	2
Ammonium Perchlorate		Highly reactive contractor evaluation/treatment. Then lab pack.	1
Ammonium Persulfate		Lab Pack	1
Ammonium Phosphate - Dibasic		Solid Waste	2
Ammonium Phosphate - Monobasic		Solid Waste	2
Ammonium Polysulfide		Lab Pack	3
Ammonium Sulfate		Lab Pack	2
Ammonium Sulfide		Lab Pack	3



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ammonium Tartrate		Solid Waste	1
Ammonium Thiocyanate		Lab Pack	2
Amyl Acetate		Lab Pack	1
Amylase		Solid Waste	1
Anasol	Chromic Acid-based cleaner (Chromic Oxide + Water)	Lab Pack	3
Anhydrous Ammonia		Compressed gas contractor.	3
Aniline		Lab Pack	3
Aniline Acetate	10% Aniline + 90% Glacial Acetic Acid	Lab Pack	3
Aniline Blue		Solid Waste	1
Aniline Hydrochloride		Lab Pack	3
Anthracene		Lab Pack	0
Anthranilic Acid		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Antimony - Metal Lump		Lab Pack	0
Antimony - Powder		Lab Pack	1
Antimony Potassium Tartrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Antimony Trichloride		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Arabinose		Solid Waste	0
Arginine		Solid Waste	0
Arsenic - Metal Lump		Lab Pack	3
Arsenic - Powder		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Arsenic Trioxide		Lab Pack	3
Arsine		Compressed gas contractor.	4
Asbestos		Must get approval form, then solid waste. Otherwise lab pack.	2
Ascarite	Sodium Hydroxide Coated Non-Fibrous Silicate	Lab Pack	3
Ascorbic Acid		Solid Waste	1
Asparagine		Solid Waste	0
Aspartic Acid		Solid Waste	1
Barfoed Reagent	Copper Acetate + Acetic Acid in Water	Lab Pack	2
Barium - Metal Lump		Lab Pack	2
Barium - Powder		Lab Pack	2
Barium Acetate		Lab Pack	2
Barium Carbonate		For solutions, evaporate water then lab pack. For solids, lab pack.	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Barium Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Barium Chromate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Barium Hydroxide		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Barium Nitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Barium Peroxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Barium Sulfate		Lab Pack	1
Benedict's Reagent	4% Copper Sulfate + 17% Sodium Citrate + 10% Sodium Carbonate	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Benzaldehyde		Lab Pack	2
Benzene		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Benzidine		Lab Pack	3
Benzoic Acid		Lab Pack	2
Benzoin		Lab Pack	1
Benzonitrile		Lab Pack	2
Benzophenone		Lab Pack	1
Benzoyl Chloride		Lab Pack	3
Benzoyl Peroxide		Lab Pack	1
Benzyl Alcohol		Lab Pack	2
Benzylaminopurine		Lab Pack	1
Beryllium - Metal Lump		Lab Pack	3
Beryllium - Powder		Lab Pack	3
Beryllium Hydroxide		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Beryllium Oxide		Lab Pack	2
Beryllium Sulfate		Lab Pack	2
Bile Salts		Solid Waste	1
Bismarck Brown Y		Lab Pack	1
Bismuth - Metal Lump		Lab Pack	1
Bismuth - Powder		Lab Pack	1
Bismuth Nitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Bismuth Subnitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Bismuth Trichloride		Lab Pack	2
Biuret		Solid Waste	2
Biuret Reagent	1% Copper Sulfate + 6% Sodium Hydroxide + 2% Potassium Sodium Tartrate	Lab Pack	2
Boric Acid		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Boron Trichloride		Compressed gas contractor.	3
Bouin's Fixative	1% Picric Acid + 25% Formaldehyde + 2% Methanol + 5% Acetic Acid	Highly reactives contractor evaluation/treatment. Then lab pack.	2
Brilliant Cresyl Blue		Lab Pack	1
Brilliant Green		Lab Pack	2
Bromine		Lab Pack	3
Bromine Water	4% Bromine + 96% Water	Lab Pack	3
Bromobenzene		Lab Pack	2
Bromobutane		Lab Pack	2
Bromocresol Green		Lab Pack	1
Bromocresol Purple		Lab Pack	1
Bromoform		Lab Pack	3
Bromphenol Blue		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NEPA Health
Bromthymol Blue		Lab Pack	1
Butadiene	1,3-Butadiene	Compressed gas contractor.	2
Butanol, 1-	N-Butyl Alcohol	Lab Pack	1
Butanol, 2-	Sec-Butyl Alcohol	Lab Pack	1
Butoxyethanol	Ethylene Glycol Monobutyl Ether	Lab Pack	2
Butyl Acetate		Lab Pack	2
Butyl Stearate		Solid Waste	1
Butylated Hydroxytoluene		Lab Pack	1
Butyraldehyde		Lab Pack	3
Butyric Acid		Lab Pack	3
Cadmium - Metal Lump		Lab Pack	3
Cadmium - Powder		Lab Pack	4
Cadmium Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	4



<b>Chemical Name</b>	<b>Clarifying Details on Concentration or Form</b>	<b>Recommended Disposal Method</b>	<b>NEPA Health</b>
Cadmium Chloride - Pentahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	4
Cadmium Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cadmium Nitrate - Tetrahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cadmium Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Cadmium Sulfate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cadmium Sulfate - Octahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Caffeine		Lab Pack	2
Calcium - Metal Lump		Lab Pack	3
Calcium - Powder		Lab Pack	3
Calcium Acetate		Solid Waste	1
Calcium Bromide		Solid Waste	2
Calcium Carbide		Lab Pack	3
Calcium Carbonate		Solid Waste	1
Calcium Chloride	Calcium Chloride - Anhydrous	Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Calcium Chloride	Calcium Chloride - Dihydrate	Lab Pack	2
Calcium Cyanide		Lab Pack	3
Calcium Fluoride		Lab Pack	1
Calcium Gluconate		Solid Waste	0
Calcium Hydroxide		Lab Pack	3
Calcium Hypochlorite		Lab Pack	3
Calcium Iodide		Solid Waste	2
Calcium Nitrate - Anhydrous		Lab Pack	2
Calcium Nitrate - Hydrate	Calcium (II) Nitrate - Hydrate	Lab Pack	2
Calcium Oxide		Lab Pack	3
Calcium Phosphate, Dibasic		Solid Waste	2
Calcium Phosphate, Monobasic		Solid Waste	2
Calcium Phosphate, Tribasic		Solid Waste	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Calcium Sulfate - Dihydrate		Solid Waste	1
Calcium Sulfate - Hemihydrate		Solid Waste	1
Calcium Sulfide		Lab Pack	2
Calmagite	3-Hydroxy-4-(6-hydroxy-m-tolylazo) naphthalene-1-sulfonic acid	Solid Waste	1
Camphor		Lab Pack	1
Canadian Balsam		Solid Waste	1
Canadian Balsam in Xylene	45% Canadian Balsam + 55% Xylene	Lab Pack	1
Carbol Fuchsin	4% Phenol + 85% Fuchsin + 10% Ethanol	Lab Pack	3
Carbon		Solid waste if in lump. Otherwise, lab pack.	1
Carbon Black		Solid waste if lump. Otherwise, lab pack	0
Carbon Disulfide		Lab Pack	3
Carbon Monoxide		Compressed gas contractor.	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Carbon Tetrachloride		Lab Pack	3
Carbonyl Sulfide		Compressed gas contractor.	2
Carmine		Solid Waste	1
Carnauba Wax		Solid Waste	0
Carnoy's Fixative	30% Chloroform + 3% Methanol + 10% Acetic Acid + 57% Ethanol	Lab Pack	1
Casein		Solid Waste	0
Catalase		Solid Waste	1
Catechol		Lab Pack	2
Cedarwood Oil		Lab Pack	1
Cellulose		Solid Waste	0
Cerium Ammonium Nitrate		Lab Pack	1
Cesium Chloride		Lab Pack	1
Cetyl Alcohol		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Charcoal		Solid waste if in lump. Otherwise, lab pack.	0
Chloral Hydrate		Controlled substance disposal contractor	2
Chloretone		Controlled substance disposal contractor	3
Chlorine		Compressed gas contractor.	4
Chlorine Trifluoride		Compressed gas contractor.	4
Chlorine Water	0.5% Chlorine + 99.5% Water	Lab Pack	3
Chlorobenzene		Lab Pack	2
Chloroethanol		Lab Pack	4
Chloroform		Lab Pack	2
Chlorophenol	4-Chlorophenol	Lab Pack	3
Chlorophenol Red		Lab Pack	1
Chlorophyllin		Solid Waste	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Chloroprene		Lab Pack	2
Chlorpromazine		Controlled substance disposal contractor	1
Chlorosulfonic Acid		Lab Pack	4
Cholesterol		Solid Waste	1
Chromatography Solvent	50% Acetone + 50% Alcohol	Lab Pack	0
Chromic Acid	5% Sodium Dichromate + 95% Sulfuric Acid	Lab Pack	3
Chromium - Metal Lump		Lab Pack	1
Chromium - Powder		Lab Pack	2
Chromium Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Chloride - Hydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Nitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Potassium Sulfate - Anhydrous	Chromium Potassium Sulfate	For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NEPA Health
Chromium Potassium Sulfate - Dodecahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Sulfate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Chromium Trioxide		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Chy-Max		Solid Waste	0
Cinnamaldehyde		Lab Pack	2
Citric Acid		Neutralize to pH 6 to 9, then OK to sewer	2
Clayton Yellow		Lab Pack	1
Clove Oil		Lab Pack	2
Cobalt - Metal Lump		Lab Pack	1
Cobalt - Powder		Lab Pack	1
Cobalt Carbonate	Cobalt (II) Carbonate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cobalt Chloride - Anhydrous	Cobalt (II) Chloride	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cobalt Chloride - Hydrate	Cobalt (II) Chloride	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cobalt Nitrate - Anhydrous	Cobalt (II) Nitrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Cobalt Nitrate - Hydrate	Cobalt (II) Nitrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cobalt Oxide	Cobalt (II) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cobalt Sulfate	Cobalt (II) Sulfate Heptahydrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Colchicine		Lab Pack	3
Collodion	20% Ethanol + 5% Nitrocellulose + 65% Ethyl Ether	If dry residue, highly reactive contractor. Otherwise, lab pack	1
Congo Red		Lab Pack	1
Copper - Metal Lump		Metal reclaimer.	0
Copper - Powder		Metal reclaimer.	0
Copper Acetate - Anhydrous	Copper (II) Acetate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Acetate - Hydrate	Copper (II) Acetate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Bromide	Copper (I) Bromide	For solutions, evaporate water then lab pack. For solids, lab pack.	1



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Copper Carbonate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Copper Chloride - Dihydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Copper Hydroxide		Lab Pack	3
Copper Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Nitrate - Hemipentahydrate	Copper (II) Nitrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Nitrate - Trihydrate	Copper (II) Nitrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Copper Sulfate	Copper (II) Sulfate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Creatine		Solid Waste	0
Creatinine		Solid Waste	0
Creosote		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Cresol		Lab Pack	3
Cresol Purple		Lab Pack	0
Cresol Red		Lab Pack	0
Cresol Red, Sodium Salt		Lab Pack	0
Crystal Violet		Lab Pack	2
Cumene		Lab Pack	2
Cupric Cyanide	Copper (II) Cyanide	Lab Pack	3
Cupric Oxide	Copper (II) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cupric Sulfide	Copper (II) Sulfide	Lab Pack	2
Cuprous Acetate	Copper (I) Acetate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Cuprous Chloride	Copper (I) Chloride	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cuprous Cyanide	Copper (I) Cyanide	Lab Pack	3
Cuprous Oxide	Copper (I) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Cuprous Sulphide	Copper (I) Sulfide	Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Cyanogen Bromide		Lab Pack	4
Cyclohexane		Lab Pack	1
Cyclohexanol		Lab Pack	1
Cyclohexanone		Lab Pack	1
Cyclohexene		Lab Pack	1
Cysteine		Solid Waste	1
Decanoic Acid		Lab Pack	2
Denatured Alcohol	16% Methanol + 83% Ethanol + 1% Ethyl Acetate + 1% Methyl Ethyl Ketone	Under 10% solution, OK to sewer. Otherwise lab pack	2
Dextrin		Solid Waste	0
Dextrose		Solid Waste	0
Diastase of Malt	Enzymes and sugars	Solid Waste	0
Diatomaceous Earth	75% Crystalline Silica + 25% Quartz	Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Dibromo-3-chloropropane, 1,2-	Was used as soil fumigant/nematocide.	Lab Pack	3
Dibutyl Phthalate		Lab Pack	2
Dichlorobenzidine	3,3-Dichlorobenzidine	Lab Pack	3
Dichloroethane		Lab Pack	1
Dichloroindophenol, Sodium Salt		Lab Pack	0
Dichlorophenoxy Acetic Acid		Lab Pack	2
Diethylamine		Lab Pack	3
Dimethyl Aniline		Lab Pack	3
Dimethyl Sulfoxide		Lab Pack	1
Dimethylaminoazobenzene, 4-	C.I. Solvent Yellow 2	Lab Pack	3
Dimethylglyoxime		Solid Waste	1
Dimethylglyoxime Solution	1% Dimethylglyoxime in Methanol	Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Dinitrophenol		Highly reactives contractor evaluation/treatment. Then lab pack.	3
Dinitrophenyl Hydrazine		Highly reactives contractor evaluation/treatment. Then lab pack.	1
Dioxane		Highly reactives contractor evaluation/treatment. Then lab pack.	2
Diphenylamine		Lab Pack	1
Dithizone		Solid Waste	1
Dodecanol		Solid Waste	1
Drierite		Solid Waste	1
Duplicating Fluid		Under 10% solution, OK to sewer. Otherwise lab pack	2
Eosin Y		Lab Pack	1
Eriochrome Black T		Lab Pack	1
Erythrosin B		Lab Pack	1
Estrone		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ethanol		Under 10% solution, OK to sewer. Otherwise lab pack	1
Ethanolamine		Lab Pack	3
Ethidium Bromide		Lab Pack	3
Ethoxyethanol		Lab Pack	2
Ethyl Acetate		Lab Pack	1
Ethyl Chloride		Lab Pack	2
Ethyl Ether	Ether - Anhydrous	Highly reactivities contractor evaluation/treatment. Then lab pack.	1
Ethyl Iodide		Lab Pack	3
Ethyl Nitrate		Highly reactivities contractor evaluation/treatment. Then lab pack.	3
Ethylene Glycol		Lab Pack	1
Ethylene Oxide		Compressed gas contractor.	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ethylenediamine		Lab Pack	3
Ethylenediamine Tetraacetic Acid		Solid Waste	1
Ethyleneimine		Lab Pack	3
FAA Solution	46% Ethanol + 6% Formalin + 4% Methanol + 3% Acetic Acid	Lab Pack	1
Fast Green		Lab Pack	1
Fehling's Solution A	6% Copper Sulfate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Fehling's Solution B	35% Potassium Sodium Tartrate + 31% Sodium Hydroxide	Lab Pack	2
Ferric Ammonium Citrate		Solid Waste	1
Ferric Ammonium Sulfate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Ferric Oxide		Solid Waste	1
Ferric Sulfate		For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Ferriin Solution	1,10-Phenanthroline + Ferrous Sulfate + 99.5% water	OK to sewer	1
Ferrous Oxide		Solid Waste	1
Ferrous Sulfate, Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Ferrous Sulfate, Heptahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Fluorescein		Solid Waste	1
Formaldehyde	37% Formaldehyde + 15% Methanol	Lab Pack	3
Formalin	4% Formaldehyde + 2% Methanol + 1% Sodium Phosphate - Dibasic	Mix with formaldehyde deactivation powder, then OK to sewer. Otherwise, lab pack	2
Formalternate	Combination of propylene glycol, ethylene glycol phenyl ether and phenol	OK to sewer	1
Formamide		Lab Pack	2
Formic Acid		Lab Pack	3
Fructose		Solid Waste	0
Fuchsin Acid		Lab Pack	1



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Fuchsin Basic		Lab Pack	1
Fuller's Earth		Solid Waste	0
Fumaric Acid		Lab Pack	2
Furfural		Lab Pack	3
Galactose		Solid Waste	0
Gallium - Metal Lump		Lab Pack	2
Gastric Juice	1% Hydrochloric Acid in Water	Neutralize to pH 6 to 9, then OK to sewer	2
Gelatin		Solid Waste	0
Gibberellic Acid		Lab Pack	0
Giemsa Stain		Lab Pack	0
Giemsa Stain Solution	35% Methanol + 1% Giemsa Stain + 64% Glycerin	Lab Pack	0
Gilson's Fixative	0.4% Mercuric Chloride + 1.5% Nitric Acid + 0.4% Acetic Acid + 10% Ethanol	Lab Pack	2
Glucose		Solid Waste	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Glutaraldehyde (<6%)	Glutaraldehyde - Dilute	OK to sewer	2
Glutaraldehyde (>6%)	Glutaraldehyde - Concentrated	Lab Pack	3
Glutathione		Lab Pack	0
Glycerin		Lab Pack	1
Glycine		Solid Waste	0
Glycogen		Solid Waste	0
Glyoxal		Lab Pack	1
Glyoxal Solution	40% Glyoxal in Water	Lab Pack	1
Gram's Iodine Stain	1% Iodine + 1% Potassium Iodide + 1% Sodium Bicarbonate	OK to sewer	1
Graphite		Lab Pack	1
Guaiacol		Lab Pack	1
Guar Gum		Solid Waste	0
Gum Arabic		Solid Waste	1
Gum Rosin		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Gunpowder		Lab Pack	0
Hayem Diluting Fluid	0.3% Mercuric Chloride + 0.5% Sodium Chloride + 3% Sodium Sulfate + 96% water	Lab Pack	2
Helium		Compressed gas contractor.	0
Hematoxylin		Lab Pack	1
Heptane		Lab Pack	1
Hexachlorophene		Lab Pack	2
Hexamethylenediamine		Lab Pack	2
Hexamethylenediamine - Sodium Hydroxide Solution	50% 1,6-Hexanediamine + 50% Sodium Hydroxide	Lab Pack	3
Hexane	1-Hexane	Lab Pack	1
Hexane/Acetone Aerosol Sprays	Often <50% Hexane and >50% Acetone	Empty aerosols can go to solid waste, otherwise lab pack	2
Hexanol		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Hydrazine		Lab Pack	3
Hydrazine Sulfate		Lab Pack	3
Hydriodic Acid		Lab Pack	3
Hydrobromic Acid		Lab Pack	3
Hydrochloric Acid (<1 molar)	Hydrochloric Acid - Dilute	Neutralize to pH 6 to 9, then OK to sewer	2
Hydrochloric Acid (>6 molar)	Hydrochloric Acid - Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Hydrochloric Acid (1 molar to 6 molar )	Hydrochloric Acid - Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Hydrofluoric Acid		Lab Pack	4
Hydrogen		Compressed gas contractor.	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Hydrogen Bromide		Compressed gas contractor.	3
Hydrogen Chloride		Compressed gas contractor.	3
Hydrogen Peroxide ( <4%)	Household concentration Hydrogen Peroxide	OK to sewer	1
Hydrogen Peroxide ( 20% to 30% )	Hydrogen Peroxide - Hair Bleach	Lab Pack	3
Hydrogen Peroxide ( 4% to 20% )	Hydrogen Peroxide - Hair Bleach	Lab Pack	2
Hydrogen Peroxide (>31% )	Hydrogen Peroxide - Industrial Strength	Lab Pack	3
Hydrogen Sulfide Gas	Hydrogen Sulfide Gas	Compressed gas contractor.	4
Hydrogen Sulfide Water	0.41% Hydrogen Sulfide in Water	Lab Pack	2
Hydroquinone		Lab Pack	2
Hydroxy Naphthol Blue		Lab Pack	
Hydroxylamine Hydrochloride		Lab Pack	
Immersion Oil		Lab Pack	1
Immersion Oil - Containing PCBs	Immersion Oil - Prior To 1972	Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Indigo Carmine		Lab Pack	1
Indigo Dye		Lab Pack	1
Indole-3-Acetic Acid		Lab Pack	1
Indole-3-Butyric Acid		Lab Pack	2
Invertase		Solid Waste	0
Iodine		Lab Pack	3
Iodine Potassium Iodide Solution	2% Iodine + 5% Potassium Iodide	OK to sewer	0
Iodine Tincture	2% Iodine + 50% Ethanol + 2% Sodium Iodide	Lab Pack	2
Iron - Metal Lump		Solid Waste	0
Iron - Powder		Lab Pack	2
Iron Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Iron Nitrate - 9 Hydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Iron Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Iron Sulfide		Lab Pack	2
Isobutanol		Lab Pack	1
Isopropanol	Propanol, 2-	Lab Pack	1
Isopropyl Ether		Highly reactivities contractor evaluation/treatment. Then lab pack.	2
Isovaleric Acid		Lab Pack	2
Janus Green B		Lab Pack	0
Kaolin	Hydrated Aluminum Silicate	Solid Waste	1
Kerosene	Mixture of aliphatic solvents	Lab Pack	0
Kinetin		Lab Pack	1
Kleermount in Xylene	44% Xylene + 56% Kleermount medium	Lab Pack	2
Knop's Solution	Water + Potassium Nitrate + Potassium Phosphate dibasic + Calcium Nitrate + Magnesium	OK to sewer	1
Lactic Acid		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Lactose		Solid Waste	0
Lanolin		Solid Waste	0
Lanthanum Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Lanthanum Nitrate - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Latex		Lab Pack	1
Lauric Acid		Solid Waste	1
Lauroyl Peroxide		Lab Pack	1
Lead - Metal Lump		Lab Pack	1
Lead - Powder		Lab Pack	2
Lead Acetate - Dibasic		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Acetate - Monobasic	Lead Subacetate	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Arsenate		Lab Pack	3



<b>Chemical Name</b>	<b>Clarifying Details on Concentration or Form</b>	<b>Recommended Disposal Method</b>	<b>NFPA Health</b>
Lead Bromide	Lead (II) Bromide	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Lead Carbonate	Lead (II) Carbonate	For solutions, evaporate water then lab pack. For solids, lab pack.	2
Lead Carbonate - Basic	Lead Carbonate + Lead Hydroxide	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Chloride	Lead (II) Chloride	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Chromate	Lead (II) Chromate (IV)	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Diiodide	Lead (II) Iodide	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Dioxide	Lead (IV) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Iodide	Lead (IV) Iodide	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Monooxide	Lead (II) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Lead Nitrate	Lead (II) Nitrate	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Oxide	Lead Oxide - Yellow	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Sulfate	Lead (II) Sulfate	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Lead Sulfide	Lead (II) Sulfide	Lab Pack	2
Lead Tetroxide	Lead (III, IV) Oxide	For solutions, evaporate water then lab pack. For solids, lab pack.	3
Levulose		Solid Waste	0
Limewater	2% Calcium Hydroxide	Lab Pack	1
Linseed Oil		Lab Pack	0
Lipase	Enzyme. Odor of decaying flesh.	Solid Waste	0
Lithium - Metal Lump		Lab Pack	3
Lithium - Powder		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Lithium Aluminum Hydride		Lab Pack	3
Lithium Carbonate		Lab Pack	1
Lithium Chloride		Lab Pack	1
Lithium Fluoride		Lab Pack	2
Lithium Hydroxide - Anhydrous		Lab Pack	3
Lithium Hydroxide - Monohydrate		Lab Pack	3
Lithium Nitrate		Lab Pack	1
Lithium Sulfate - Anhydrous		Solid Waste	1
Lithium Sulfate - Hydrate		Solid Waste	1
Litmus		Solid Waste	0
Lugol's Iodine	5% Iodine + 10% Potassium Iodide	OK to sewer	2
Lull-A-Fly	50% Triethylamine + 25% Ethanol + 25% fragrance	Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Luminol		Solid Waste	2
Lycopodium		Lab Pack	0
Lysine HCl		Solid Waste	0
Lysozyme		Solid Waste	0
Magnesium - Metal Lump		Lab Pack	0
Magnesium - Powder		Lab Pack	0
Magnesium Acetate		Lab Pack	1
Magnesium Bromide - Anhydrous	Magnesium (II) Bromide - Anhydrous	Solid Waste	1
Magnesium Bromide - Hexahydrate	Magnesium (II) Bromide - Hexahydrate	Solid Waste	1
Magnesium Carbonate - Anhydrous		Solid Waste	1
Magnesium Carbonate - Hydrate		Solid Waste	1
Magnesium Chloride - Anhydrous	Magnesium (II) Chloride - Anhydrous	Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Magnesium Chloride - Hexahydrate	Magnesium (II) Chloride - Hexahydrate	Lab Pack	1
Magnesium Hydroxide		Solid Waste	1
Magnesium Nitrate - Anhydrous	Magnesium (II) Nitrate - Anhydrous	Lab Pack	1
Magnesium Nitrate - Hexahydrate	Magnesium (II) Nitrate - Hexahydrate	Lab Pack	1
Magnesium Oxide		Solid Waste	1
Magnesium Perchlorate		Lab Pack	1
Magnesium Sulfate	Magnesium Sulfate - 7-Hydrate	Lab Pack	1
Malachite Green		Lab Pack	2
Maleic Acid		Lab Pack	3
Malonic Acid		Lab Pack	1
Maltose, D- - Anhydrous		Solid Waste	0
Maltose, D- - Monohydrate		Solid Waste	0
Manganese - Metal Lump		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Manganese - Powder		Lab Pack	2
Manganese (II) Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese (II) Chloride Tetrahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese (II) Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese (II) Nitrate - Tetrahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese (II) Sulfate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese (II) Sulfate - Monohydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese Carbonate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Manganese Peroxide		For solutions, evaporate water then lab pack. For solids, lab pack.	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Mannitol		Solid Waste	1
Menthol		Lab Pack	2
Mercaptoethanol		Lab Pack	3
Mercuric Bichloride	Mercury (II) Chloride	Lab Pack	3
Mercuric Chloride	Mercury (II) Chloride	Lab Pack	3
Mercuric Iodide	Mercury (II) Iodide	Lab Pack	2
Mercuric Nitrate monohydrate	Mercury (II) Nitrate - Monohydrate	Lab Pack	3
Mercuric Sulfate	Mercury (II) Sulfate	Lab Pack	3
Mercurochrome		Lab Pack	3
Mercurous Chloride	Mercury (I) Chloride	Lab Pack	3
Mercurous Nitrate	Mercury (I) Nitrate - Anhydrous	Lab Pack	3
Mercurous Nitrate (mercury (I) nitrate)	Mercury (I) Nitrate - Hydrate	Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Mercurous Sulfate	Mercury (I) Sulfate	Lab Pack	3
Mercury - Elemental	Mercury	Lab Pack	2
Mercury Oxide	Mercuric Oxide - Red	Lab Pack	3
Mercury Sulfide	Mercury (II) Sulfide	Lab Pack	3
Mercury Thermometers		Lab Pack	2
Methanol		Under 10% solution, OK to sewer. Otherwise lab pack	1
Methionine		Lab Pack	0
Methoxyethanol		Lab Pack	2
Methyl Blue		Solid Waste	0
Methyl Bromide	Widely used as a pesticide and in Halon 1001 fire extinguishers.	Compressed gas contractor.	3
Methyl Cellulose		Solid Waste	0



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Methyl Ethyl Ketone	2-Butanone	Lab Pack	1
Methyl Green		Lab Pack	1
Methyl Iodide		Lab Pack	3
Methyl Isobutyl Ketone		Highly reactives contractor evaluation/treatment. Then lab pack.	2
Methyl Isocyanate		Lab Pack	4
Methyl Isopropyl Ketone		Lab Pack	1
Methyl Mercaptan		Compressed gas contractor.	4
Methyl Methacrylate		Lab Pack	2
Methyl Orange		Lab Pack	2
Methyl Paraben		Solid Waste	1
Methyl Red		Lab Pack	1
Methyl Red - Sodium Salt		Lab Pack	1
Methyl Salicylate		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Methyl Tert-Butyl Ether		Lab Pack	2
Methyl Violet	Methyl Violet 2B	Lab Pack	2
Methylamine		Lab Pack	3
Methylchloromethyl Ether		Lab Pack	3
Methylene Blue		Lab Pack	2
Methylene Chloride		Lab Pack	2
Millon's Reagent	25% Mercury + 25% Fuming Nitric Acid	Lab Pack	3
Mineral Oil		Lab Pack	0
Molisch Reagent	95% Ethanol + 5% a-Naphthol	Lab Pack	1
Molybdenum - Metal Lump		Lab Pack	0
Molybdenum - Powder		Lab Pack	0
Molybdenum Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Molybdenum Trioxide		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Monosodium Glutamate		Lab Pack	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Murexide		Lab Pack	1
Muriatic Acid	Hydrochloric Acid - 25% Solution	<100 mls to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Naphthalene		Lab Pack	2
Naphthalene Acetic Acid		Lab Pack	1
Naphthol, 1-		Lab Pack	3
Naphthol, 2-		Lab Pack	2
Naphthol-6-Sulfonic Acid - Sodium Salt		Lab Pack	1
Naphthylamine		Lab Pack	2
Naphthylethylenediamine Dihydrochloride		Lab Pack	1
Neodymium Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Nessler's Reagent		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Neutral Red		Lab Pack	1
Niacin		Solid Waste	1
Nickel - Metal Lump		Lab Pack	1
Nickel - Powder		Lab Pack	1
Nickel Acetate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Nickel Ammonium Sulfate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Nickel Chloride - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Nickel Chloride - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Nickel Monoxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Nickel Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Nickel Nitrate - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Nickel Sulfate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Nickel Sulfate - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Nickel Trioxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Nicotine		Lab Pack	4
Nigrosin		Lab Pack	1
Ninhydrin		Lab Pack	2
Nitric Acid (<1 molar)	Nitric Acid - Dilute	Neutralize to pH 6 to 9, then OK to sewer	2
Nitric Acid (>6 molar)	Nitric Acid - Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	4
Nitric Acid (1 molar to 6 molar)	Nitric Acid - Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Nitrilotriacetic Acid		Lab Pack	2
Nitroacetanilide		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NEPA Health
Nitrobenzaldehyde		Lab Pack	2
Nitrobenzene		Lab Pack	3
Nitrocellulose		Lab Pack	0
Nitrogen		Compressed gas contractor.	0
Nitrogen Triiodide		Highly reactives contractor evaluation/treatment. Then lab pack.	2
Nitroglycerin		Highly reactives contractor evaluation/treatment. Then lab pack.	3
Nitrophenol, 3-		Lab Pack	3
Nitrophenol, 4-		Lab Pack	3
Nitrophenylazo Resorcinol		Lab Pack	1
Nitrosodimethylamine, N-		Lab Pack	3
Octadecanol		Lab Pack	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Octanol, 1-		Lab Pack	1
Octanol, 2-		Lab Pack	1
Octyl Phenol	4-t-Octyl Phenol	Lab Pack	2
Oleic Acid		Lab Pack	1
Onion's Fusible Alloy	Bismuth + Lead + Tin	Solid Waste	0
Orange G		Lab Pack	0
Orange IV		Lab Pack	0
Orcein		Lab Pack	1
Orcinol		Lab Pack	1
Ortho-dichlorobenzene	1,2-Dichlorobenzene	Lab Pack	2
Osmium Tetroxide		Lab Pack	3
Oxalic Acid - Anhydrous		Lab Pack	3
Oxalic Acid - Dihydrate		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Oxygen		Compressed gas contractor.	0
Palmitic Acid		Solid Waste	1
Pancreatin		Solid Waste	1
Papain		Solid Waste	0
Para-dichlorobenzene	1,4-Dichlorobenzene	Lab Pack	2
Paraffin		Solid Waste	0
Paraformaldehyde		Lab Pack	3
Paraldehyde		Lab Pack	2
Paris Green		Lab Pack	3
Penicillin G Sodium		Lab Pack	1
Pentachlorophenol		Lab Pack	3



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Pentane		Lab Pack	1
Pentanol, 1-		Lab Pack	1
Pentanol, 2-		Lab Pack	1
Peppermint Oil		Lab Pack	2
Pepsin		Solid Waste	1
Peptone		Solid Waste	0
Perchloric Acid		Lab Pack	3
Perchloroethylene	1,1,2,2-Tetrachloroethylene	Lab Pack	2
Permunt	55% Toluene + 45% Piccolyte (B-Pinene Polymer)	Lab Pack	1
Petrolatum	White Petroleum Jelly	Solid Waste	1
Petroleum Ether	Petroleum Naphtha	Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
pH 10 Buffer - Ammonium Hydroxide	7% Ammonium Hydroxide + 1% Ammonium Chloride	OK to sewer	2
pH 10 Buffer - Borate	<1% of all constituents, including Potassium Hydroxide	OK to sewer	1
pH 10 Buffer - Clear	<1% Potassium Hydroxide + <1% Boric Acid	OK to sewer	1
pH 4 Buffer - Acetate	3% Acetic Acid + 7% Sodium Acetate + 9% Sodium Chloride	Neutralize to pH 6 to 9, then OK to sewer	1
pH 4 Buffer - Biphthalate	2% Potassium Acid Phthalate	Buffer to pH 6 to 9, then OK to sewer	1
pH 7 Buffer - Phosphate	<1% Potassium Phosphate + <1% Sodium Phosphate	OK to sewer	1
pH 7.4 Buffer - Tris	10% Tris + 6% Hydrochloric Acid	OK to sewer	1
Phenanthroline		Lab Pack	2
Phenol		Lab Pack	4
Phenol Red		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Phenolphthalein		Solid Waste	1
Phenolphthalein - Ethanol Solution	1 g phenolphthalein in 50 ml 95% ethanol	Lab Pack	1
Phenyl Salicylate		Lab Pack	2
Phenylarsine Oxide - Solid		Lab Pack	3
Phenylarsine Oxide - Solution		Lab Pack	3
Phenylhydrazine Hydrochloride		Lab Pack	3
Phenylthiocarbamide		Lab Pack	2
Phloroglucinol		Lab Pack	1
Phosphomolybdic Acid		Lab Pack	3
Phosphoric Acid (<1 molar)	Phosphoric Acid - Dilute	Neutralize to pH 6 to 9, then OK to sewer	2
Phosphoric Acid (>6 molar)	Phosphoric Acid - Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Phosphoric Acid (1 molar to 6 molar)	Phosphoric Acid - Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Phosphorus - Red		Lab Pack	3
Phosphorus - White		Lab Pack	4
Phosphorus - Yellow		Lab Pack	4
Phosphorus Pentasulfide		Lab Pack	2
Phosphorus Pentoxide		Lab Pack	3
Phosphorus Trichloride		Lab Pack	3
Phthalic Anhydride		Lab Pack	3
Physostigmine		Lab Pack	4
Picric Acid		If dry residue, highly reactive contractor. Otherwise, lab pack	3
Polyethylene Glycol		Solid Waste	1
Polyurethane Foam - Part A	Poly Ether Polyol + Tertiary Amine + Silicone Surfactant	Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Polyurethane Foam – Part B	50% 4,4-Diphenylmethane Diisocyanate + 25% Polymethylene Polyphenyl Isocyanate + 25% Diphenylmethane Diisocyanate	Lab Pack	2
Polyvinyl Alcohol	PVA	Lab Pack	0
Potassium - 0.5 gram Chips		Lab Pack	2
Potassium - Chunks		If red, orange, yellow color highly reactivities contractor. Otherwise lab pack	3
Potassium Acetate		Lab Pack	1
Potassium Bicarbonate		Solid Waste	1
Potassium Binoxalate		Lab Pack	2
Potassium Bisulfate		Lab Pack	2
Potassium Bitartrate		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Potassium Bromate		Lab Pack	2
Potassium Bromide		Lab Pack	1
Potassium Carbonate - Anhydrous		Lab Pack	1
Potassium Carbonate - Sesquahydrate		Lab Pack	1
Potassium Chlorate		Lab Pack	2
Potassium Chloride		Lab Pack	1
Potassium Chromate		Lab Pack	3
Potassium Citrate		Solid Waste	1
Potassium Cyanide		Lab Pack	3
Potassium Dichromate		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Potassium Ferricyanide		Lab Pack	2
Potassium Ferrocyanide		Lab Pack	2
Potassium Fluoride		Lab Pack	2
Potassium Hydrogen Phthalate		Solid Waste	1
Potassium Hydroxide - Solid		Lab Pack	3
Potassium Hydroxide (<1 molar)	Potassium Hydroxide -Dilute	Neutralize to pH 6 to 9, then OK to sewer	2
Potassium Hydroxide (>6 molar)	Potassium Hydroxide - Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Potassium Hydroxide (1 molar to 6 molar)	Potassium Hydroxide -Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Potassium Iodate		Lab Pack	1
Potassium Iodide		Solid Waste	1
Potassium Nitrate		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Potassium Nitrite		Lab Pack	1
Potassium Oxalate		Lab Pack	4
Potassium Perchlorate		Lab Pack	1
Potassium Periodate		Lab Pack	1
Potassium Permanganate		Lab Pack	1
Potassium Peroxide		Lab Pack	3
Potassium Persulfate		Lab Pack	1
Potassium Phosphate - Dibasic		Solid Waste	1
Potassium Phosphate - Monobasic		Solid Waste	1
Potassium Phosphate - Tribasic		Solid Waste	1
Potassium Sodium Tartrate		Lab Pack	1
Potassium Sulfate		Solid Waste	1



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NEPA Health
Potassium Sulfide		Lab Pack	3
Potassium Tartrate		Solid Waste	1
Potassium Thiocyanate		Lab Pack	1
Praseodymium Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Propane		Compressed gas contractor.	0
Propanol	Propanol, 1-	Lab Pack	2
Propiolactone, b-	beta-Propiolactone	Lab Pack	0
Propionic Acid		Lab Pack	3
Propylene Glycol		OK to sewer	0
Pyridine		Lab Pack	3
Pyrogallol		Lab Pack	2
Quinine Sulfate		Lab Pack	2
Resazurin		Lab Pack	1
Resorcinol		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Rhodamine B	Basic Violet	Lab Pack	1
Ringer's Solution	Sodium Chloride + Sodium Lactate + Calcium Chloride + Potassium Chloride	OK to sewer	1
Rose Bengal		Lab Pack	0
Safranin O		Lab Pack	0
Safranin Staining Solution	Alcohol Based Solution (w/ methanol)	Lab Pack	1
Salicylic Acid		Lab Pack	1
Schiff Reagent	Basic Fuchsin + Sodium Metabisulfite + Hydrochloric Acid	Lab Pack	2
Sebacoyl Chloride		Lab Pack	3
Sebacoyl Chloride/Hexane Solution	4% Sebacoyl Chloride + 95% Hexane	Lab Pack	3
Selenium - Metal Lump		Lab Pack	2
Selenium - Powder		Lab Pack	3
Silica Gel		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Silicon		Lab Pack	1
Silicon Oil	Silicone Oil	Lab Pack	1
Silicon Tetrafluoride		Compressed gas contractor.	4
Silver - Metal Lump		Metal reclaimer.	1
Silver Acetate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Silver Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Silver Cyanide		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Silver Nitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	2
Silver Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Silver Sulfate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Soda Lime		Lab Pack	3
Sodium - 0.5 Gram Pieces		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium - Chunks		If red, orange, yellow color highly reactivities contractor. Otherwise lab pack	3
Sodium Acetate - Anhydrous		Lab Pack	1
Sodium Acetate - Hydrate		Lab Pack	1
Sodium Alginate		Solid Waste	1
Sodium Arsenate		Lab Pack	3
Sodium Arsenite		Lab Pack	3
Sodium Azide		Lab Pack	3
Sodium Benzoate		Lab Pack	1
Sodium Bicarbonate		Use as spill kit neutralizer	1
Sodium Bifluoride		Lab Pack	3
Sodium Bismuthate		Lab Pack	2
Sodium Bisulfate - Anhydrous		Lab Pack	2
Sodium Bisulfate - Monohydrate		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium Bisulfite	Sodium Hydrogen Sulfite	Lab Pack	2
Sodium Borate		Lab Pack	1
Sodium Borohydride		Lab Pack	3
Sodium Bromate		Lab Pack	1
Sodium Bromide		Lab Pack	1
Sodium Carbonate	Sodium Carbonate - Anhydrous	Lab Pack	1
Sodium Chlorate		Lab Pack	1
Sodium Chloride		Lab Pack	1
Sodium Chromate - Anhydrous		Lab Pack	3
Sodium Chromate - Tetrahydrate		Lab Pack	3
Sodium Citrate		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium Cobaltinitrite	Sodium Hexanitrocobaltate (III)	Lab Pack	1
Sodium Cyanide		Lab Pack	3
Sodium Deoxycholate		Lab Pack	2
Sodium Dichloroindophenol		Lab Pack	1
Sodium Dichromate - Anhydrous		Lab Pack	3
Sodium Dichromate - Dihydrate		Lab Pack	3
Sodium Diphenylamine Sulfonate		Lab Pack	1
Sodium Dithionite		Lab Pack	2
Sodium Ferricyanide		Lab Pack	3
Sodium Ferrocyanide		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium Fluoride		Lab Pack	3
Sodium Fluoroacetate		Lab Pack	4
Sodium Hexametaphosphate		Solid Waste	1
Sodium Hydroxide - Solid		Lab Pack	3
Sodium Hydroxide - solution (<1 molar)	Sodium Hydroxide - Dilute	Neutralize to pH 6 to 9, then OK to sewer	2
Sodium Hydroxide - solution (>6 molar )	Sodium Hydroxide -Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Sodium Hydroxide - solution (1 M to 6 M)	Sodium Hydroxide -Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Sodium Hypochlorite - Solution (<6%)	Sodium Hypochlorite	If under 100 mls, OK to sewer. Otherwise lab pack.	1
Sodium Hypochlorite - Solution (>6%)		Lab Pack	2
Sodium Iodate		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium Iodide		Lab Pack	1
Sodium Lactate		Lab Pack	1
Sodium Lauryl Sulfate		Lab Pack	1
Sodium Metabisulfite		Lab Pack	3
Sodium Metasilicate		Lab Pack	3
Sodium Molybdate - Anhydrous		Lab Pack	2
Sodium Molybdate - Dihydrate		Lab Pack	2
Sodium Nitrate		Lab Pack	1
Sodium Nitrite		Lab Pack	1
Sodium Nitroferricyanide		Lab Pack	3
Sodium Oleate		Lab Pack	1



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sodium Oxalate		Lab Pack	3
Sodium Perborate		Lab Pack	1
Sodium Perchlorate		Lab Pack	2
Sodium Peroxide		Lab Pack	3
Sodium Phosphate - Dibasic - Anhydrous	Sodium Phosphate -Dibasic - Anhydrous	Solid Waste	1
Sodium Phosphate - Dibasic - Heptahydrate	Dibasic Sodium Phosphate - Heptahydrate	Solid Waste	1
Sodium Phosphate - Monobasic		Solid Waste	1
Sodium Phosphate - Tribasic		Lab Pack	1
Sodium Polyacrylate		Solid Waste	1
Sodium Rhodizonate		Lab Pack	1
Sodium Salicylate		Lab Pack	1
Sodium Silicate		Lab Pack	2

<b>Chemical Name</b>	<b>Clarifying Details on Concentration or Form</b>	<b>Recommended Disposal Method</b>	<b>NFPA Health</b>
Sodium Sulfamate	Sodium Sulfamate Solution	Solid Waste	1
Sodium Sulfate	Sodium Sulfate - Decahydrate	Solid Waste	1
Sodium Sulfide	Sodium Sulfide - Nonahydrate	Lab Pack	3
Sodium Sulfite	Sodium Sulfite - Anhydrous	Lab Pack	2
Sodium Tartrate Anhydrous		Solid Waste	1
Sodium Tartrate Dihydrate		Solid Waste	1
Sodium Thiocyanate		Lab Pack	1
Sodium Thiosulfate - Anhydrous		Solid Waste	1
Sodium Thiosulfate - Pentahydrate		Solid Waste	1
Sodium Tungstate		Solid Waste	2
Stannic Chloride		Lab Pack	3
Stannous Chloride		Lab Pack	1
Starch		Solid Waste	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Stearic Acid - Laboratory Grade	50% Stearic Acid + 45% Palmitic Acid	Solid Waste	1
Stearic Acid - Reagent Grade	95% Stearic Acid	Solid Waste	1
Streptomycin Sulfate		Lab Pack	2
Strontium	Radioactive form very dangerous.	Lab Pack	2
Strontium Bromide		Solid Waste	1
Strontium Carbonate		Solid Waste	1
Strontium Chloride		Lab Pack	1
Strontium Hydroxide Octahydrate		Lab Pack	2
Strontium Hydroxide Solution		Lab Pack	2
Strontium Nitrate		Lab Pack	2
Strychnine		Lab Pack	3
Styrene		Lab Pack	2
Succinic Acid		Lab Pack	2
Sucrose		Solid Waste	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sudan III		Lab Pack	0
Sudan III Solution	99.5% alcohol	Lab Pack	1
Sudan IV	Sudan IV Staining Solution	Lab Pack	0
Sudan IV Solution	99.5% alcohol	Lab Pack	1
Sudan Yellow		Lab Pack	0
Sulfamic Acid		Lab Pack	1
Sulfanilamide		Lab Pack	1
Sulfanilic Acid		Lab Pack	1
Sulfosalicylic Acid		Lab Pack	1
Sulfur - Precipitated		Lab Pack	1
Sulfur Dioxide	Sulfur Dioxide Gas	Compressed gas contractor.	3
Sulfur Hexafluoride	Sulfur Hexafluoride Gas	Compressed gas contractor.	2
Sulfurated Potash	25% Potassium Trisulfide + 75% Potassium Thiosulfate	Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Sulfuric Acid (<1 molar)	Sulfuric Acid - Dilute	Neutralize to pH 6 to 9, then OK to sewer	1
Sulfuric Acid (>6 molar)	Sulfuric Acid - Concentrated	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Sulfuric Acid (1 molar to 6 molar)	Sulfuric Acid - Solution	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	2
Talc		Lab Pack	1
Tannic Acid		Lab Pack	1
Tartaric Acid		Lab Pack	0
Tert-Butanol	Tert-Butyl Alcohol	Lab Pack	1
Testosterone		Controlled substance disposal contractor	0
Testosterone Propionate		Controlled substance disposal contractor	0
Tetrabromoethane		Lab Pack	3
Tetracycline Hydrochloride		Lab Pack	2
Tetrafluoroethylene		Compressed gas contractor.	4
Tetrahydrofuran		Highly reactivities contractor evaluation/treatment. Then lab pack.	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Tetramethyl-p-phenylenediamine Dihydrochloride		Lab Pack	2
Thallium		Lab Pack	2
Thermit	Iron Oxide + Aluminum or Aluminum Oxide	Lab Pack	0
Thermit Igniting Sticks	Aluminum + Barium Nitrate + Iron Oxide + Dextrin	Lab Pack	0
Thiamine Hydrochloride		Solid Waste	0
Thimerosal		Lab Pack	1
Thioacetamide		Lab Pack	2
Thionin		Lab Pack	1
Thionyl Chloride		Lab Pack	4
Thiourea		Lab Pack	2

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Thorium Nitrate		Radiation safety	1
Thymol	6-Isopropyl-m-Cresol	Lab Pack	0
Thymol Blue	Thymol Blue - Sodium Salt	Lab Pack	0
Thymolphthalein		Lab Pack	0
Thymolphthalein Solution	99.5% alcohol	Lab Pack	1
Thyroxine		Lab Pack	1
Tin - Metal Lump		Solid Waste	0
Tin - Powder		Lab Pack	0
Tin Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Titanium Dioxide		Lab Pack	1
Titanium Tetrachloride		Lab Pack	3
Titanium Trichloride		Lab Pack	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Tollen's Reagent		Acidify immediately within 2 hours of preparation, then lab pack. If not acidified, contact highly reactivities contractor	2
Toluene		Lab Pack	2
Toluidine Blue O		Lab Pack	0
Toluidine, o-		Lab Pack	3
Tricaine Methanesulfonate		Solid Waste	2
Trichloroacetic Acid		Lab Pack	3
Trichloroethane		Lab Pack	2
Trichloroethylene		Lab Pack	2
Trichlorotrifluoroethane	1,1,2-Trichlorotrifluoroethane	Lab Pack	2
Triethanolamine		Lab Pack	2
Triethyl Phosphate		Lab Pack	0



Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Triethylamine		Lab Pack	3
Trimethylamine		Lab Pack	3
Trinitrobenzene		Highly reactivities contractor evaluation/treatment. Then lab pack.	2
Trinitrotoluene		Highly reactivities contractor evaluation/treatment. Then lab pack.	2
Triphenyl Tetrazolium Chloride		Solid Waste	1
Tris-Hydroxymethyl Aminomethane		Solid Waste	1
Triton X-100	Alkaryl Polyether Alcohol	Lab Pack	2
Turpentine		Lab Pack	1
Tyrosine		Solid Waste	1
Universal Indicator	98% Alcohol + 1% Bromothymol Blue	Lab Pack	0
Uranium		Radiation safety	3
Uranyl Acetate		Radiation safety	3
Uranyl Nitrate		Radiation safety	3

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Urea		Lab Pack	1
Urease		Solid Waste	1
Urethane		Lab Pack	2
Vanadium Pentoxide		Lab Pack	3
Vegetable Oil		Donate for biodiesel. Mix with cat litter & dispose to solid waste	0
Vinyl Chloride		Lab Pack	2
Vinyl Ether		Highly reactivities contractor evaluation/treatment. Then lab pack.	1
Winkler's Solution #1	Manganese Sulfate + Water	Lab Pack	1
Winkler's Solution #2	Sodium Hydroxide + Potassium Iodide + Water	<100 mls neutralize to pH 6 to 9 then OK to sewer. Otherwise, lab pack	3
Wood's Metal	Bismuth + Lead + Tin + Cadmium Alloy	Lab Pack	2
Wright's Stain	Methylene Blue + Eosin Y	Lab Pack	1
Wright's Stain Solution	0.3% Wright's Stain in Methanol	Lab Pack	1
Xylene	Dimethyl Benzene	Lab Pack	2
Xylose		Solid Waste	0

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NEPA Health
Yttrium Oxide		Lab Pack	2
Zenker's Fixative	5% Mercuric Chloride + 2.5% Potassium Dichromate + 97% Water	Lab Pack	3
Zeolite		Solid Waste	1
Zinc - Metal Lump		Lab Pack	0
Zinc - Powder		Lab Pack	0
Zinc Acetate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Carbonate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Carbonate - Basic		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Chloride		For solutions, evaporate water then lab pack. For solids, lab pack.	3
Zinc Nitrate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Nitrate - Hexahydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Oxide		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Stearate		Lab Pack	1

Chemical Name	Clarifying Details on Concentration or Form	Recommended Disposal Method	NFPA Health
Zinc Sulfate - 7-Hydrate	Zinc Sulfate - Heptahydrate	For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Sulfate - Anhydrous		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Sulfate - Monohydrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1
Zinc Sulfide		Lab Pack	2
Zirconium Tetranitrate		For solutions, evaporate water then lab pack. For solids, lab pack.	1

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Abscisic Acid	0	1		
Acetal	3	0		Diethyl Acetal
Acetaldehyde	4	2		
Acetamide	1	0		
Acetanilide	1	0		N-Phenylacetamide
Acetic Acid (<1 Molar)	0	0		Vinegar
Acetic Acid (>6 Molar)	2	0		Acetic Acid - Concentrated
Acetic Acid (1 Molar to 6 Molar)	1	0		
Acetic Anhydride	2	1	W	
Aceto Carmine	1	0		Aceto-Carmine Stain (Schneider)
Acetone	3	0		2-Propanone
Acetonitrile	3	0		Methyl Cyanide
Aceto-Orcein Solution	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Acetyl Chloride	3	2	W	
Acetylcholine Bromide	0	0		
Acetylcholine Bromide Solution	0	0		
Acetylcholine Chloride	0	0		
Acetylcholine Chloride Solution	0	0		
Acetylene	4	3		Acetylene - Dissolved
Acetylsalicylic Acid	1	0		Aspirin
Acridine Orange	1	0		
Acrolein	3	3		
Acrylamide	2	2		
Acrylic Acid	2	2		
Acrylonitrile	3	2		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Adenine	1	0		
Adenosine Triphosphate	0	0		Adenosine Triphosphate - Disodium Salt
Adipic Acid	1	0		
Adipoyl Chloride	2	0	W	Sebacoyl Chloride
Adipoyl Chloride - Hexane Solution	3	0		Sebacoyl Chloride - Hexane Solution
Adrenaline	0	0		Epinephrine
Adrenaline Chloride Solution	0	0		
Agar	0	0		
Agarose	0	0		
Aitch-tu-ess Cartridges	1	0		
Alanine, DL-	0	0		DL-Alanine
Alanine, L-	0	0		L-Alanine

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Albumin	1	0		
Alconox	0	0		
Alizarin	1	0		Mordant Red 11
Alizarin Red S	1	0		Mordant Red 3
Alizarin Yellow R	1	0		Mordant Orange 1
Alkaline Iodide Azide	0	1		Winkler Solution 2
Alkaline Potassium Iodide	0	1		Winkler Solution 2
Allyl Chloride	3	1		3-Chloroprene
Aluminon	1	0		Aurin Tricarboxylic Acid
Aluminum - Metal Lump	0	0		Aluminum
Aluminum - Powder	2	1	W	Aluminum



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Aluminum Ammonium Sulfate	0	0		
Aluminum Chloride - Anhydrous	0	2	W	Aluminum Chloride
Aluminum Chloride - Hexahydrate	0	0		Aluminum Chloride
Aluminum Hydroxide	0	0		Hydrated Alumina
Aluminum Nitrate - Anhydrous	0	0	OX	Aluminum Nitrate
Aluminum Nitrate - Nonahydrate	0	0	OX	Aluminum Nitrate
Aluminum Oxide	0	0		Aluminum Trioxide
Aluminum Potassium Sulfate	0	0		Aluminum Potassium Sulphate
Aluminum Sodium Sulfate	0	0		Aluminum Sodium Sulphate
Aluminum Sulfate - 18 hydrate	0	0		Aluminum Sulfate
Aluminum Sulfate - Anhydrous	0	0		Aluminum Sulfate
Aminodiphenyl, 4-	1	0		Biphenylamine
Ammonium Acetate	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ammonium Bicarbonate	0	0		
Ammonium Bifluoride	0	0		Ammonium Difluoride
Ammonium Bromide	0	0		
Ammonium Carbonate	0	0		
Ammonium Chloride	0	0		
Ammonium Chromate	1	1	OX	
Ammonium Citrate	0	0		
Ammonium Dichromate	1	1	OX	Ammonium Bichromate
Ammonium Fluoride	0	0		
Ammonium Hydroxide (<1 Molar)	0	0		Ammonium Hydroxide
Ammonium Hydroxide (>6 Molar)	1	0		Ammonium Hydroxide
Ammonium Hydroxide (1 Molar to 6 Molar)	0	0		Ammonium Hydroxide
Ammonium Iodide	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ammonium Metavanadate	0	0		Ammonium Vanadate
Ammonium Molybdate	0	0		
Ammonium Nitrate	0	3	OX	
Ammonium Nitrite	0	3	OX	
Ammonium Oxalate - Anhydrous	0	1		Ammonium Oxalate
Ammonium Oxalate - Monohydrate	0	1		Ammonium Oxalate
Ammonium Perchlorate	0	4	OX	
Ammonium Persulfate	0	3	OX	
Ammonium Phosphate - Dibasic	0	1		Ammonium Phosphate
Ammonium Phosphate - Monobasic	0	1		Ammonium Phosphate
Ammonium Polysulfide	2	1		Ammonium Polysulphide
Ammonium Sulfate	0	1		Ammonium Hydrogen Sulfate
Ammonium Sulfide	2	1		Ammonium Sulphide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ammonium Tartrate	0	0		L-Tartaric Acid - Diammonium Salt
Ammonium Thiocyanate	1	1		
Amyl Acetate	3	0		
Amylase	0	0		
Anasol	0	2	OX	Cleaner, Anasol CS 1-9
Anhydrous Ammonia	1	0		Ammonia Gas
Aniline	2	0		Aminobenzene
Aniline Acetate	2	0		
Aniline Blue	0	0		C.I. Acid Blue 22
Aniline Hydrochloride	1	0		
Anthracene	1	0		
Anthranilic Acid	1	0		Aminobenzoic Acid

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Antimony - Metal Lump	0	0		Antimony
Antimony - Powder	1	0		Antimony
Antimony Potassium Tartrate	0	0		
Antimony Trichloride	0	1		
Arabinose	1	0		Pectin Sugar
Arginine	1	0		
Arsenic - Metal Lump	0	0		Arsenic
Arsenic - Powder	1	0		Arsenic

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Arsenic Trioxide	0	0		
Arsine	4	2		Arsenic Trihydride
Asbestos	0	0		Asbestos, Friable
Ascarite	0	1		
Ascorbic Acid	0	0		Vitamin C
Asparagine	1	0		
Aspartic Acid	0	0		
Barfoed Reagent	1	0		
Barium - Metal Lump	1	2	W	Barium
Barium - Powder	2	2	W	Barium
Barium Acetate	0	0		
Barium Carbonate	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Barium Chloride	1	0		
Barium Chromate	0	1	OX	
Barium Hydroxide	0	0		
Barium Nitrate	0	0	OX	
Barium Peroxide	0	0	OX	Barium Dioxide
Barium Sulfate	0	0		Barium Sulphate
Benedict's Reagent	0	1		Benedict's Solution
Benzaldehyde	2	0		
Benzene	3	0		Benzol

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Benzidine	0	0		p-Benzidine
Benzoic Acid	1	0		
Benzoin	1	0		
Benzonitrile	2	1		
Benzophenone	1	0		
Benzoyl Chloride	2	2		
Benzoyl Peroxide	0	3	OX	
Benzyl Alcohol	1	0		alpha-Hydroxytoluene
Benzylaminopurine	1	0		6-Benzylaminopurine
Beryllium - Metal Lump	1	0		Beryllium
Beryllium - Powder	2	0		Beryllium
Beryllium Hydroxide	0	0		



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Beryllium Oxide	0	0		
Beryllium Sulfate	0	0		Beryllium Sulfate - Tetrahydrate
Bile Salts	1	0		
Bismarck Brown Y	0	0		Basic Brown 1
Bismuth - Metal Lump	1	0		Bismuth
Bismuth - Powder	2	0		Bismuth
Bismuth Nitrate	0	1	OX	Bismuth Nitrate - Hydrate
Bismuth Subnitrate	0	1	OX	Bismuth Nitrate - Basic
Bismuth Trichloride	0	0		Bismuth Chloride
Biuret	1	0		Allophamide
Biuret Reagent	0	1		Biuret Test Solution
Boric Acid	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Boron Trichloride	0	2		
Bouin's Fixative	1	0		Bouin's Fluid
Brilliant Cresyl Blue	0	0		
Brilliant Green	0	0		
Bromine	0	0	OX	
Bromine Water	0	0	OX	
Bromobenzene	2	0		
Bromobutane	3	0		1-Bromobutane
Bromocresol Green	0	0		Bromocresol Green
Bromocresol Purple	0	0		Bromocresol Purple
Bromoform	0	1		Tribromomethane
Bromphenol Blue	0	0		BTB

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Bromthymol Blue	0	0		BTB
Butadiene	4	2		Divinyl
Butanol, 1-	3	1		Butanol
Butanol, 2-	3	1		Butanol
Butoxyethanol	2	0		Butyl Cellosolve
Butyl Acetate	3	0		N-Butyl Acetate
Butyl Stearate	1	0		
Butylated Hydroxytoluene	0	0		2,6-Di-tert-Butyl-4-Methylphenol
Butyraldehyde	3	0		Butyric Aldehyde
Butyric Acid	2	0		Butanoic Acid
Cadmium - Metal Lump	1	0		Cadmium
Cadmium - Powder	2	0		Cadmium
Cadmium Chloride - Anhydrous	0	0		Cadmium Chloride

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Cadmium Chloride - Pentahydrate	0	0		Cadmium Chloride
Cadmium Nitrate - Anhydrous	1	3	OX	Cadmium Nitrate
Cadmium Nitrate - Tetrahydrate	1	3	OX	Cadmium Nitrate
Cadmium Oxide	0	1		Cadmium Monoxide
Cadmium Sulfate - Anhydrous	0	0		Cadmium Sulfate
Cadmium Sulfate - Octahydrate	0	0		Cadmium Sulfate
Caffeine	1	0		
Calcium - Metal Lump	1	2	W	Calcium
Calcium - Powder	2	3	W	Calcium
Calcium Acetate	0	0		Calcium Diacetate
Calcium Bromide	0	0		
Calcium Carbide	3	2	W	Miner's Lamp
Calcium Carbonate	0	0		Limestone
Calcium Chloride	0	0		Calcium Dichloride

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Calcium Chloride	0	0		Calcium Dichloride
Calcium Cyanide	0	0		
Calcium Fluoride	0	0		Fluorspar
Calcium Gluconate	1	0		HF Antidote Gel
Calcium Hydroxide	0	0		Slaked Lime
Calcium Hypochlorite	0	1	OX	
Calcium Iodide	0	0		
Calcium Nitrate - Anhydrous	0	1	OX	Calcium Nitrate
Calcium Nitrate - Hydrate	0	1	OX	Calcium Nitrate
Calcium Oxide	0	1		Lime
Calcium Phosphate, Dibasic	0	0		Calcium Phosphate
Calcium Phosphate, Monobasic	0	0		Calcium Phosphate
Calcium Phosphate, Tribasic	0	0		Calcium Phosphate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Calcium Sulfate - Dihydrate	0	0		Calcium Sulfate
Calcium Sulfate - Hemihydrate	0	0		Calcium Sulfate
Calcium Sulfide	0	1		
Calmagite	1	0		
Camphor	2	0		
Canadian Balsam	1	0		Balsam Canada
Canadian Balsam in Xylene	3	0		Balsam Canada
Carbol Fuchsin	0	0		
Carbon	1	0		
Carbon Black	1	0		
Carbon Disulfide	4	0		
Carbon Monoxide	4	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Carbon Tetrachloride	0	0		Tetrachloromethane
Carbonyl Sulfide	4	0		
Carmine	0	0		Carmine Red
Carnauba Wax	1	0		
Carnoy's Fixative	3	0		Carnoy's Fixation Fluid
Casein	1	0		
Catalase	0	0		
Catechol	1	0		Pyrocatechol
Cedarwood Oil	1	0		
Cellulose	1	0		
Cerium Ammonium Nitrate	0	0	OX	Cerium (IV) Ammonium Nitrate
Cesium Chloride	0	0		
Cetyl Alcohol	1	0		1-Hexadecanol

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Charcoal	2	0		Activated Carbon
Chloral Hydrate	1	1		Trichloroacetaldehyde
Chloretone	1	0		Acetone Chloroform
Chlorine	0	0	OX	Chlorine Gas
Chlorine Trifluoride	0	3	OX	
Chlorine Water	0	0		
Chlorobenzene	3	0		Monochlorobenzene
Chloroethanol	2	0		2-Chloroethyl Alcohol
Chloroform	0	0		Trichloromethane
Chlorophenol	1	0		para-Chlorophenol
Chlorophenol Red	0	0		
Chlorophyllin	1	0		Copper Sodium Chlorophyllin



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Chloroprene	3	1		Neoprene
Chlorpromazine	0	0		
Chlorosulfonic Acid	0	2	W	Sulfuric Chlorohydrin
Cholesterol	1	0		
Chromatography Solvent	3	0		Acetone - Alcohol
Chromic Acid	0	1	OX	Chromerge
Chromium - Metal Lump	0	0		Chromium
Chromium - Powder	1	0		Chromium
Chromium Chloride - Anhydrous	0	0		Chromium (III) Chloride
Chromium Chloride - Hydrate	0	0		Chromium (III) Chloride
Chromium Nitrate	0	0	OX	Chromium (III) Nitrate
Chromium Oxide	0	0		Chromium (III) Oxide
Chromium Potassium Sulfate - Anhydrous	0	0		Chrome Alum - Anhydrous

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Chromium Potassium Sulfate - Dodecahydrate	0	0		Chromium Potassium Sulfate
Chromium Sulfate	0	0		Chromium (III) Sulfate - Hydrate
Chromium Trioxide	0	1	OX	Chromium (VI) Trioxide
Chy-Max	0	0		Chymosin
Cinnamaldehyde	2	0		
Citric Acid	1	0		
Clayton Yellow	0	0		Titan Yellow
Clove Oil	1	0		Eugenol
Cobalt - Metal Lump	0	0		Cobalt
Cobalt - Powder	1	0		Cobalt
Cobalt Carbonate	0	0		Cobaltous Carbonate
Cobalt Chloride - Anhydrous	0	0		Cobalt Chloride
Cobalt Chloride - Hydrate	0	0		Cobalt Chloride
Cobalt Nitrate - Anhydrous	0	0	OX	Cobalt Nitrate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Cobalt Nitrate - Hydrate	0	0	OX	Cobalt Nitrate
Cobalt Oxide	0	0		Tricobalt Tetraoxide
Cobalt Sulfate	0	0		Cobalt Sulphate
Colchicine	1	0		
Collodion	4	0		Collodion - Flexible
Congo Red	0	0		C.I Direct Red 28
Copper - Metal Lump	0	0		Copper
Copper - Powder	1	0		Copper
Copper Acetate - Anhydrous	0	0		Copper Acetate
Copper Acetate - Hydrate	0	0		Copper Acetate
Copper Bromide	0	0		Cuprous Bromide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Copper Carbonate	0	0		Copper (II) Carbonate
Copper Chloride - Anhydrous	0	0		Copper (II) Chloride
Copper Chloride - Dihydrate	0	0		Copper (II) Chloride
Copper Hydroxide	0	0		Copper (II) Hydroxide
Copper Nitrate - Anhydrous	0	0	OX	Copper (II) Nitrate
Copper Nitrate - Hemipentahydrate	0	0	OX	Copper Nitrate - Hydrate
Copper Nitrate - Trihydrate	0	0	OX	Copper Nitrate - Hydrate
Copper Sulfate	0	0		Copper Sulphate
Creatine	1	0		
Creatinine	1	0		
Creosote	2	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Cresol	2	0		Cresylic Acid
Cresol Purple	1	0		m-Cresol Purple
Cresol Red	1	0		o-Cresolsulfonphthalein
Cresol Red, Sodium Salt	1	0		
Crystal Violet	1	0		Gentian Violet
Cumene	3	1		Isopropyl Benzene
Cupric Cyanide	0	0		Copper Cyanide
Cupric Oxide	1	0		Copper Oxide
Cupric Sulfide	0	0		Copper Sulfide
Cuprous Acetate	0	0		Copper Acetate
Cuprous Chloride	0	0		Copper Chloride
Cuprous Cyanide	0	0		Copper Cyanide
Cuprous Oxide	0	0		Copper Oxide
Cuprous Sulphide	1	1		Copper Sulfide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Cyanogen Bromide	0	1		Bromine Cyanide
Cyclohexane	3	0		
Cyclohexanol	2	0		
Cyclohexanone	2	0		
Cyclohexene	3	0		1,2,3,4-Tetrahydrobenzene
Cysteine	1	0		
Decanoic Acid	1	0		Capric Acid
Denatured Alcohol	4	0		
Dextrin	1	0		Starch
Dextrose	1	0		Anyhydrous glucose
Diastase of Malt	1	0		
Diatomaceous Earth	0	0		Celite

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Dibromo-3-chloropropane, 1,2-	1	0		DBCP
Dibutyl Phthalate	1	0		Dibutyl Phthalate
Dichlorobenzidine	1	0		
Dichloroethane	4	0		1,2-Dichloroethane
Dichloroindophenol, Sodium Salt	1	0		2,6-Dichloroindophenol, Sodium salt.
Dichlorophenoxy Acetic Acid	1	0		2,4-Dichlorophenoxy Acetic Acid
Diethylamine	3	0		
Dimethyl Aniline	2	0		N,N-Dimethylaniline
Dimethyl Sulfoxide	1	0		DMSO
Dimethylaminoazobenzene, 4-	1	0		Brilliant Fast Yellow
Dimethylglyoxime	1	0		2,3-Butanedionedioxime
Dimethylglyoxime Solution	3	0		2,3-Butanedionedioxime

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Dinitrophenol	3	3		2,4-Dinitrophenol
Dinitrophenyl Hydrazine	2	2		2,4-Dinitrophenyl Hydrazine
Dioxane	3	1		1,4-Dioxane
Diphenylamine	0	0		
Dithizone	1	1		Diphenylthiocarbazone
Dodecanol	1	0		Dodecyl Alcohol
Drierite	0	0		Calcium Sulfate - Anhydrous
Duplicating Fluid	4	0		Methyl Alcohol
Eosin Y	0	0		
Eriochrome Black T	0	0		Mordant Black 11
Erythrosin B	0	0		Disodium Tetraiodofluorescein
Estrone	0	0		



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ethanol	3	0		Ethyl Alcohol
Ethanolamine	2	0		
Ethidium Bromide	0	0		Homidium Bromide
Ethoxyethanol	2	1		2-Ethoxy Ethanol
Ethyl Acetate	3	0		Acetic Ester
Ethyl Chloride	4	0		Chloroethane
Ethyl Ether	4	1		Diethyl Ether
Ethyl Iodide	1	1		
Ethyl Nitrate	3	4	OX	
Ethylene Glycol	1	0		1,2-Ethanediol
Ethylene Oxide	4	3		Epoxyethane

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ethylenediamine	2	0		Diaminoethane, 1,2-
Ethylenediamine Tetraacetic Acid	0	0		EDTA
Ethyleneimine	3	3		Aziridine
FAA Solution	3	0		Formalin-Aceto-Alcohol Fixative
Fast Green	0	0		Fast Green FCF
Fehling's Solution A	0	0		
Fehling's Solution B	0	0		Fehling's Solution - Alkaline Tartrate
Ferric Ammonium Citrate	0	0		Ammonium Iron (III) Citrate
Ferric Ammonium Sulfate	0	0		Ammonium Ferrous Sulfate
Ferric Oxide	0	0		Iron (III) Oxide
Ferric Sulfate	0	0		Iron (III) Sulfate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Ferriin Solution	0	0		
Ferrous Oxide	0	0		Iron (II) Oxide
Ferrous Sulfate, Anhydrous	0	0		Iron (II) Sulfate
Ferrous Sulfate, Heptahydrate	0	0		Iron (II) Sulfate
Fluorescein	0	0		
Formaldehyde	2	0		
Formalin	1	0		10% Buffered Formalin
Formaldehyde	1	0		
Formamide	1	0		
Formic Acid	2	0		
Fructose	0	0		Levulose
Fuchsin Acid	0	0		Acid Fuchsin

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Fuchsin Basic	0	0		Rosaniline
Fuller's Earth	0	0		
Fumaric Acid	1	0		
Furfural	2	0		2-Furaldehyde
Galactose	0	0		d-Galactose
Gallium - Metal Lump	0	0		Gallium
Gastric Juice	0	0		
Gelatin	0	0		
Gibberellic Acid	1	0		
Giemsa Stain	1	0		Giemsa Stain - Solid
Giemsa Stain Solution	2	0		Giemsa Blood Staining Solution
Gilson's Fixative	2	0		
Glucose	1	0		Dextrose

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Glutaraldehyde (<6%)	0	1		1,5-Pentanediol
Glutaraldehyde (>6%)	0	1		1,5-Pentanediol
Glutathione	0	0		Glutathione - Reduced
Glycerin	0	0		Glycerol
Glycine	1	0		Amino Acetic Acid
Glycogen	1	0		D-Glycogen
Glyoxal	0	0	W	Glyoxal - Solid
Glyoxal Solution	0	0		
Gram's Iodine Stain	0	1		Gram Stain
Graphite	1	0		
Guaiacol	2	1		2-methoxy-4-vinyl phenol
Guar Gum	1	0		
Gum Arabic	1	0		Acacia
Gum Rosin	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Gunpowder	4	3		
Hayem Diluting Fluid	0	0		
Helium	0	0		
Hematoxylin	0	1		
Heptane	3	0		Dipropylmethane
Hexachlorophene	1	0		
Hexamethylenediamine	0	0		1,6-Hexanediamine
Hexamethylenediamine - Sodium Hydroxide Solution	0	0		1,6-Hexanediamine - Sodium Hydroxide Solution
Hexane	3	0		n-Hexane
Hexane/Acetone Aerosol Sprays	4	0		
Hexanol	2	0		Hexanol, 1-

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Hydrazine	3	3		Diamine
Hydrazine Sulfate	0	1		Diamine Sulfate
Hydriodic Acid	0	0		Hydrogen Iodide
Hydrobromic Acid	0	0		Hydrogen Bromide
Hydrochloric Acid (<1 molar)	0	0		Hydrochloric Acid
Hydrochloric Acid (>6 molar)	0	0		Muriatic Acid
Hydrochloric Acid (1 molar to 6 molar )	0	0		Hydrochloric Acid
Hydrofluoric Acid	0	0		Hydrogen Fluoride
Hydrogen	4	0		Hydrogen Gas

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Hydrogen Bromide	0	2		Hydrogen Bromide Gas
Hydrogen Chloride	0	2		Hydrogen Chloride Gas
Hydrogen Peroxide ( <4%)	0	1		Hydrogen Peroxide
Hydrogen Peroxide ( 20% to 30% )	0	1	OX	Hydrogen Peroxide
Hydrogen Peroxide ( 4% to 20% )	0	1	OX	Hydrogen Peroxide
Hydrogen Peroxide (>31% )	0	1	OX	Hydrogen Peroxide
Hydrogen Sulfide Gas	4	0		
Hydrogen Sulfide Water	1	0		
Hydroquinone	0	0		Hydroquinol
Hydroxy Naphthol Blue				
Hydroxylamine Hydrochloride				Oxammonium Hydrochloride
Immersion Oil	0	0		Hydrogenated terphenyl
Immersion Oil - Containing PCBs	0	0		Hydrogenated terphenyl



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Indigo Carmine	0	0		Acid Blue 74
Indigo Dye	0	0		
Indole-3-Acetic Acid	1	0		Rosin Gum
Indole-3-Butyric Acid	0	0		
Invertase	1	0		
Iodine	0	1	OX	Iodine Crystals
Iodine Potassium Iodide Solution	0	0		IKI
Iodine Tincture	3	0		Iodine Tincture - 2%
Iron - Metal Lump	0	0		Iron
Iron - Powder	1	1		Iron
Iron Chloride	0	0		Iron (III) Chloride
Iron Nitrate - 9 Hydrate	0	0	OX	Iron (III) Nitrate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Iron Nitrate - Anhydrous	0	0	OX	Iron (III) Nitrate
Iron Sulfide	0	0		Iron (II) Sulfide
Isobutanol	3	0		2-Methyl-1-Propanol
Isopropanol	3	0		Isopropyl Alcohol
Isopropyl Ether	3	1		Diisopropyl Ether
Isovaleric Acid	2	0		3-Methylbutyric Acid
Janus Green B	1	0		3-diethylamino-7-(4-dimethylamino phenylazo)-5-phenylphenazinium chloride
Kaolin	0	0		
Kerosene	2	0		
Kinetin	0	0		6-furfurylaminopurine
Kleermount in Xylene	3	0		
Knop's Solution	0	0		
Lactic Acid	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Lactose	1	0		
Lanolin	1	0		
Lanthanum Nitrate - Anhydrous	0	1	OX	Lanthanum Nitrate
Lanthanum Nitrate - Hexahydrate	0	1	OX	Lanthanum Nitrate
Latex	0	0		
Lauric Acid	1	0		Dodecanoic Acid
Lauroyl Peroxide	2	3	OX	Dodecanoyl Peroxide
Lead - Metal Lump	0	0		Lead
Lead - Powder	1	0		Lead
Lead Acetate - Dibasic	1	0		Lead Acetate
Lead Acetate - Monobasic	1	0		Lead Acetate
Lead Arsenate	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Lead Bromide	0	0		Lead Dibromide
Lead Carbonate	0	0		White Lead
Lead Carbonate - Basic	0	0		Basic White Lead
Lead Chloride	0	0		Lead Dichloride
Lead Chromate	0	0		Chrome Yellow
Lead Diiodide	0	0		Lead Iodide
Lead Dioxide	0	0	OX	Lead Oxide
Lead Iodide	0	0		
Lead Monooxide	0	0		Lead Oxide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Lead Nitrate	0	0	OX	Lead Dinitrate
Lead Oxide	0	0		Litharge
Lead Sulfate	0	0		Lead Sulphate
Lead Sulfide	1	0		Lead Sulphide
Lead Tetroxide	0	0		Lead Oxide
Levulose	1	0		Fructose, D-
Limewater	0	0		Calcium Hydroxide Solution
Linseed Oil	1	0		
Lipase	1	0		
Lithium - Metal Lump	2	2	W	Lithium
Lithium - Powder	2	2	W	Lithium

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Lithium Aluminum Hydride	2	2	W	Lithium Tetrahydroaluminate
Lithium Carbonate	0	0		
Lithium Chloride	0	0		
Lithium Fluoride	0	0		
Lithium Hydroxide - Anhydrous	0	0		Lithium Hydroxide
Lithium Hydroxide - Monohydrate	0	0		Lithium Hydroxide
Lithium Nitrate	0	0	OX	
Lithium Sulfate - Anhydrous	0	0		Lithium Sulfate
Lithium Sulfate - Hydrate	0	0		Lithium Sulfate
Litmus	1	0		
Lugol's Iodine	0	1		
Lull-A-Fly	3	0		Fly Nap

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Luminol	1	0		
Lycopodium	2	0		
Lysine HCl	1	0		Lysine
Lysozyme	1	0		
Magnesium - Metal Lump	2	1		Magnesium
Magnesium - Powder	2	2	W	Magnesium
Magnesium Acetate	1	0		
Magnesium Bromide - Anhydrous	0	0		Magnesium Bromide
Magnesium Bromide - Hexahydrate	0	0		Magnesium Bromide
Magnesium Carbonate - Anhydrous	0	0		Magnesium Carbonate
Magnesium Carbonate - Hydrate	0	0		Magnesium Carbonate
Magnesium Chloride - Anhydrous	0	0		Magnesium Chloride

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Magnesium Chloride - Hexahydrate	0	0		Magnesium Chloride
Magnesium Hydroxide	0	0		Milk of Magnesia
Magnesium Nitrate - Anhydrous	0	0	OX	Magnesium Nitrate
Magnesium Nitrate - Hexahydrate	0	0	OX	Magnesium Nitrate
Magnesium Oxide	0	0		Magnesia
Magnesium Perchlorate	0	1	OX	Anhydrone
Magnesium Sulfate	0	0		Epsom salts
Malachite Green	0	0		Basic Green
Maleic Acid	1	0		Malic Acid
Malonic Acid	1	1		Propanedioic Acid
Maltose, D- - Anhydrous	1	0		D-Maltose
Maltose, D- - Monohydrate	1	0		D-Maltose
Manganese - Metal Lump	0	0		Manganese



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Manganese - Powder	2	2	W	Manganese
Manganese (II) Chloride - Anhydrous	0	0		Manganese Chloride
Manganese (II) Chloride Tetrahydrate	0	0		Manganese Chloride
Manganese (II) Nitrate - Anhydrous	0	0	OX	Manganese Nitrate
Manganese (II) Nitrate - Tetrahydrate	0	0	OX	Manganese Nitrate
Manganese (II) Sulfate - Anhydrous	0	0		Manganese Sulfate
Manganese (II) Sulfate - Monohydrate	0	0		Manganese Sulfate
Manganese Carbonate	0	0		Manganese (II) Carbonate
Manganese Peroxide	0	1	OX	Manganese (IV) Dioxide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Mannitol	1	0		
Menthol	1	0		Hexahydrothymol
Mercaptoethanol	2	1		2-Mercaptoethanol
Mercuric Bichloride	0	0		Mercury Chloride
Mercuric Chloride	0	0		Mercury Chloride
Mercuric Iodide	0	0		Mercury Iodide
Mercuric Nitrate monohydrate	0	0	OX	Mercury Nitrate
Mercuric Sulfate	0	0		Mercury Sulfate
Mercurochrome	0	0		2,7-Disodiumdibromo-4-Hydroxymercurifluorescein
Mercurous Chloride	0	0		Mercury Chloride
Mercurous Nitrate	0	0	OX	Mercury Nitrate
Mercurous Nitrate (mercury (I) nitrate)	0	0	OX	Mercury Nitrate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Mercurous Sulfate	0	0		Mercury Sulfate
Mercury - Elemental	0	0		Mercury - Liquid
Mercury Oxide	0	0	OX	Mercuric Oxide - Yellow
Mercury Sulfide	0	1		Mercuric Sulfide
Mercury Thermometers	0	0		Quicksilver
Methanol	3	0		Methyl Alcohol
Methionine	1	0		
Methoxyethanol	2	2		2-Methoxy Ethanol
Methyl Blue	1	0		
Methyl Bromide	1	0		
Methyl Cellulose	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Methyl Ethyl Ketone	3	0		Butanone
Methyl Green	0	0		
Methyl Iodide	0	1		Iodomethane
Methyl Isobutyl Ketone	3	1		4-Methyl-3-Penten-2-One
Methyl Isocyanate	3	2	W	
Methyl Isopropyl Ketone	3	0		
Methyl Mercaptan	4	0		
Methyl Methacrylate	3	2		Methyl Parahydroxybenzoate
Methyl Orange	0	0		
Methyl Paraben	1	0		
Methyl Red	0	0		Methyl Red Chloride
Methyl Red - Sodium Salt	0	0		
Methyl Salicylate	1	0		Wintergreen Oil

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Methyl Tert-Butyl Ether	3	0		Tert-Butyl Methyl Ether
Methyl Violet	0	0		Hexamethylpararosaniline Hydrochloride
Methylamine	4	0		Monomethylamine
Methylchloromethyl Ether	3	0		
Methylene Blue	0	0		
Methylene Chloride	1	0		Dichloromethane
Millon's Reagent	0	0	OX	
Mineral Oil	1	0		
Molisch Reagent	3	0		
Molybdenum - Metal Lump	0	0		Molybdenum
Molybdenum - Powder	2	0		Molybdenum
Molybdenum Oxide	0	0		Molybdenum (IV) Oxide
Molybdenum Trioxide	0	0		Molybdenum (VI) Oxide
Monosodium Glutamate	0	0		MSG

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Murexide	0	0		Ammonium Purpurate
Muriatic Acid	0	0		Hydrochloric Acid Solution
Naphthalene	2	0		
Naphthalene Acetic Acid	1	0		
Naphthol, 1-	1	0		alpha-Naphthol
Naphthol, 2-	1	0		beta-Naphthol
Naphthol-6-Sulfonic Acid - Sodium Salt	1	0		2-Naphthol-6-Sulfonic Acid, Sodium Salt
Naphthylamine	2	0		a-Naphthylamine
Naphthylethylenediamine Dihydrochloride	1	0		N-1-Naphthylethylenediamine Dihydrochloride
Neodymium Chloride	0	0		
Nessler's Reagent	0	0		Mercury iodide + sodium hydroxide.

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Neutral Red	0	0		
Niacin	1	0		
Nickel - Metal Lump	0	0		Nickel
Nickel - Powder	1	0		Nickel
Nickel Acetate	0	0		
Nickel Ammonium Sulfate	0	0		Nickel Ammonium Sulfate - Hexahydrate 2:2:1
Nickel Chloride - Anhydrous	0	0		Nickel Chloride
Nickel Chloride - Hexahydrate	0	0		Nickel Chloride
Nickel Monoxide	0	0		Nickel Oxide
Nickel Nitrate - Anhydrous	0	0	OX	Nickel Nitrate
Nickel Nitrate - Hexahydrate	0	0	OX	Nickel Nitrate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Nickel Sulfate - Anhydrous	0	0		Nickel Sulfate
Nickel Sulfate - Hexahydrate	0	0		Nickel Sulfate
Nickel Trioxide	0	0		Nickel Oxide
Nicotine	1	0		
Nigrosin	1	0		
Ninhydrin	0	0		
Nitric Acid (<1 molar)	0	0		Nitric Acid
Nitric Acid (>6 molar)	0	0	OX	Nitric Acid
Nitric Acid (1 molar to 6 molar)	0	0	OX	Nitric Acid
Nitrilotriacetic Acid	0	0		
Nitroacetanilide	1	0		4-Nitroacetanilide



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Nitrobenzaldehyde	0	0		2-Nitrobenzaldehyde
Nitrobenzene	2	1		Nitrobenzol
Nitrocellulose	4	0		Gun Cotton
Nitrogen	0	0		Nitrogen Gas
Nitrogen Triiodide	0	4		
Nitroglycerin	1	3		
Nitrophenol, 3-	0	0		m-Nitrophenol
Nitrophenol, 4-	0	0		p-Nitrophenol
Nitrophenylazo Resorcinol	0	0		4-p-Nitrophenylazo Resorcinol
Nitrosodimethylamine, N-	2	0		Dimethylnitrosamine
Octadecanol	1	0		1-Octadecanol

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Octanol, 1-	2	0		Octanol
Octanol, 2-	2	0		Octanol
Octyl Phenol	1	0		
Oleic Acid	1	0		
Onion's Fusible Alloy	0	0		Rose's Alloy
Orange G	1	0		
Orange IV	1	0		
Orcein	0	0		
Orcinol	1	1		Methylresorcinol
Ortho-dichlorobenzene	2	0		Dichlorobenzene
Osmium Tetroxide	0	0		Osmic Acid
Oxalic Acid - Anhydrous	1	0		Oxalic Acid
Oxalic Acid - Dihydrate	1	0		Oxalic Acid

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Oxygen	0	0	OX	Oxygen Gas
Palmitic Acid	1	1		Hexadecanoic Acid
Pancreatin	1	0		
Papain	1	0		
Para-dichlorobenzene	2	0		Dichlorobenzene
Paraffin	1	0		
Paraformaldehyde	1	0		Paraform
Paraldehyde	3	1		
Paris Green	1	0		Copper Acetoarsenite
Penicillin G Sodium	0	0		
Pentachlorophenol	0	0		PCP

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Pentane	4	0		Amyl Hydride
Pentanol, 1-	3	0		Amyl Alcohol
Pentanol, 2-	2	0		Sec-Amyl Alcohol
Peppermint Oil	2	0		
Pepsin	1	0		
Peptone	0	0		
Perchloric Acid	0	3	OX	
Perchloroethylene	0	0		Tetrachloroethylene
Permunt	3	0		Permunt Resin
Petrolatum	1	0		Petroleum Jelly
Petroleum Ether	4	0		Ligroin

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
pH 10 Buffer - Ammonium Hydroxide	0	0		Buffer
pH 10 Buffer - Borate	0	0		Buffer
pH 10 Buffer - Clear	0	0		Buffer
pH 4 Buffer - Acetate	0	0		Buffer
pH 4 Buffer - Biphthalate	0	0		Buffer
pH 7 Buffer - Phosphate	0	0		Buffer
pH 7.4 Buffer - Tris	0	0		Buffer
Phenanthroline	1	0		1,10-Phenanthroline
Phenol	2	0		Carbolic Acid
Phenol Red	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Phenolphthalein	0	0		
Phenolphthalein - Ethanol Solution	3	0		
Phenyl Salicylate	1	0		Salol
Phenylarsine Oxide - Solid	1	0		PAO
Phenylarsine Oxide - Solution	1	0		PAO
Phenylhydrazine Hydrochloride	1	0		
Phenylthiocarbamide	0	0		1-Phenyl-2-Thiourea
Phloroglucinol	1	1		
Phosphomolybdic Acid	0	0		
Phosphoric Acid (<1 molar)	0	0		Phosphoric Acid
Phosphoric Acid (>6 molar)	0	0		Phosphoric Acid
Phosphoric Acid (1 molar to 6 molar)	0	0		Phosphoric Acid

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Phosphorus - Red	2	0		Red Phosphorus - Amorphous
Phosphorus - White	4	2		White Phosphorus
Phosphorus - Yellow	4	2		Yellow Phosphorus
Phosphorus Pentasulfide	1	2	W	Phosphoric Sulfide
Phosphorus Pentoxide	0	2	W	Phosphoric Anhydride
Phosphorus Trichloride	0	2	W	
Phthalic Anhydride	1	0		
Physostigmine	1	0		
Picric Acid	4	4		Trinitrophenol
Polyethylene Glycol	1	1		Polyglycol E-400
Polyurethane Foam - Part A	1	1		Polyester Polyol

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Polyurethane Foam – Part B	1	1		
Polyvinyl Alcohol	2	0		
Potassium - 0.5 gram Chips	2	2	W	Potassium
Potassium - Chunks	3	2	W	Potassium
Potassium Acetate	0	0		
Potassium Bicarbonate	0	0		
Potassium Binoxalate	1	0		
Potassium Bisulfate	0	0		
Potassium Bitartrate	0	0		



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Potassium Bromate	0	0	OX	
Potassium Bromide	0	0		
Potassium Carbonate - Anhydrous	0	0		Potassium Carbonate
Potassium Carbonate - Sesquahydrate	0	0		Potassium Carbonate
Potassium Chlorate	0	0	OX	
Potassium Chloride	0	0		Salt
Potassium Chromate	0	1	OX	
Potassium Citrate	0	0		
Potassium Cyanide	0	0		
Potassium Dichromate	0	0	OX	

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Potassium Ferricyanide	0	0		Potassium Hexacyanoferrate (III)
Potassium Ferrocyanide	0	0		Potassium Hexacyanoferrate (II)
Potassium Fluoride	0	0		Potassium Bifluoride
Potassium Hydrogen Phthalate	1	0		
Potassium Hydroxide - Solid	0	1		Potassium Hydroxide
Potassium Hydroxide (<1 molar)	0	0		Potassium Hydroxide
Potassium Hydroxide (>6 molar)	0	1		Potassium Hydroxide
Potassium Hydroxide (1 molar to 6 molar)	0	0		Potassium Hydroxide
Potassium Iodate	0	0	OX	
Potassium Iodide	0	0		
Potassium Nitrate	0	0	OX	Saltpeter

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Potassium Nitrite	0	0	OX	
Potassium Oxalate	0	0		
Potassium Perchlorate	0	2	OX	
Potassium Periodate	0	2	OX	
Potassium Permanganate	0	0	OX	
Potassium Peroxide	0	1	W, OX	
Potassium Persulfate	0	0	OX	
Potassium Phosphate - Dibasic	0	0		Potassium Phosphate
Potassium Phosphate - Monobasic	0	0		Potassium Phosphate
Potassium Phosphate - Tribasic	0	0		Potassium Phosphate
Potassium Sodium Tartrate	0	0		Rochelle Salts
Potassium Sulfate	0	0		Potassium Sulphate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Potassium Sulfide	1	0		Potassium Sulphide
Potassium Tartrate	0	0		
Potassium Thiocyanate	0	0		Potassium Sulfocyanate
Praseodymium Chloride	1	0		Praseodymium (III) Chloride
Propane	4	0		Dimethylmethane
Propanol	3	2		n-Propyl Alcohol
Propiolactone, b-	2	0		
Propionic Acid	2	0		Methylacetic Acid
Propylene Glycol	1	0		1,2-Propanediol
Pyridine	3	0		
Pyrogallol	0	0		1,2,3-Trihydroxybenzene
Quinine Sulfate	1	0		Quinine Sulfate - Dihydrate
Resazurin	0	0		
Resorcinol	1	0		1,3-Dihydroxybenzene

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Rhodamine B	0	0		
Ringer's Solution	0	0		Lactated Ringer's Solution
Rose Bengal	1	0		Acid Red
Safranin O	1	0		Basic Red
Safranin Staining Solution	3	0		Gram Counter Stain
Salicylic Acid	0	0		
Schiff Reagent	0	0	W	
Sebacoyl Chloride	1	1		Adipoyl Chloride
Sebacoyl Chloride/Hexane Solution	3	1		Adipoyl Chloride - Hexane Solution
Selenium - Metal Lump	0	0		Selenium
Selenium - Powder	1	0		Selenium
Silica Gel	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Silicon	1	0		
Silicon Oil	1	0		Polymethylsiloxane
Silicon Tetrafluoride	0	0		Silicon Fluoride
Silver - Metal Lump	0	0		Silver
Silver Acetate	0	0		
Silver Chloride	0	0		
Silver Cyanide	0	0		
Silver Nitrate	0	0	OX	Sal Ammoniac
Silver Oxide	0	0	OX	Silver (II) Oxide
Silver Sulfate	0	0		Silver Sulphate
Soda Lime	0	1		Sodium Calcium Hydrate
Sodium - 0.5 Gram Pieces	2	1	W	Sodium - Metal Lump

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium - Chunks	3	2	W	Sodium - Metal
Sodium Acetate - Anhydrous	0	0		Sodium Acetate
Sodium Acetate - Hydrate	0	0		Sodium Acetate
Sodium Alginate	0	0		Algin
Sodium Arsenate	0	0		Sodium Arsenate - Dibasic
Sodium Arsenite	0	0		Sodium Meta Arsenite
Sodium Azide	0	3		
Sodium Benzoate	0	0		
Sodium Bicarbonate	0	0		Sodium Hydrogen Carbonate
Sodium Bifluoride	0	0		Sodium Hydrogen Fluoride
Sodium Bismuthate	0	0	OX	
Sodium Bisulfate - Anhydrous	0	0		Sodium Hydrogen Sulfate
Sodium Bisulfate - Monohydrate	0	0		Sodium Hydrogen Sulfate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Bisulfite	0	1		Sodium Metabisulfite
Sodium Borate	0	0		Borax
Sodium Borohydride	0	2	W	
Sodium Bromate	1	1	OX	
Sodium Bromide	0	0		
Sodium Carbonate	0	0		Soda Ash
Sodium Chlorate	0	2	OX	
Sodium Chloride	1	0		
Sodium Chromate - Anhydrous	0	1	OX	Sodium Chromate
Sodium Chromate - Tetrahydrate	0	1	OX	Sodium Chromate
Sodium Citrate	0	0		Trisodium Citrate



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Cobaltinitrite	0	0	OX	Sodium Hexanitrocobaltate
Sodium Cyanide	0	0		
Sodium Deoxycholate	1	0		Deoxycholic Acid, Sodium Salt
Sodium Dichloroindophenol	0	0		
Sodium Dichromate - Anhydrous	0	0	OX	Sodium Dichromate
Sodium Dichromate - Dihydrate	0	0	OX	Sodium Dichromate
Sodium Diphenylamine Sulfonate	1	0		Sodium Diphenylaminesulfonate
Sodium Dithionite	1	2	W	Sodium Hydrosulfite
Sodium Ferricyanide	0	0		
Sodium Ferrocyanide	0	0		Yellow Prussiate of Soda

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Fluoride	0	0		
Sodium Fluoroacetate	0	0		Compound 1080
Sodium Hexametaphosphate	0	0		Calgon
Sodium Hydroxide - Solid	0	1		Caustic Soda
Sodium Hydroxide - solution (<1 molar)	0	0		Sodium Hydroxide
Sodium Hydroxide - solution (>6 molar )	0	1		Sodium Hydroxide
Sodium Hydroxide - solution (1 M to 6 M)	0	0		Sodium Hydroxide
Sodium Hypochlorite - Solution (<6%)	0	0		Bleach
Sodium Hypochlorite - Solution (>6%)	0	0		Sodium Hypochlorite
Sodium Iodate	0	1	OX	

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Iodide	0	0		
Sodium Lactate	0	0		
Sodium Lauryl Sulfate	0	0		Sodium Dodecyl Sulfate
Sodium Metabisulfite	0	1		Sodium meta-Bisulfite
Sodium Metasilicate	0	0		Disodium Metasilicate
Sodium Molybdate - Anhydrous	0	0		Sodium Molybdate
Sodium Molybdate - Dihydrate	0	0		Sodium Molybdate
Sodium Nitrate	0	0	OX	Chile Saltpeter
Sodium Nitrite	0	0	OX	
Sodium Nitroferricyanide	0	1		Sodium Nitroferricyanide - Dihydrate
Sodium Oleate	0	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Oxalate	0	0		
Sodium Perborate	0	0	OX	Sodium Perborate - Tetrahydrate
Sodium Perchlorate	0	2	OX	
Sodium Peroxide	0	1	<del>W</del> , OX	Sodium Binoxide
Sodium Phosphate - Dibasic - Anhydrous	0	0		Sodium Phosphate
Sodium Phosphate - Dibasic - Heptahydrate	0	0		Sodium Phosphate
Sodium Phosphate - Monobasic	0	0		Sodium Phosphate
Sodium Phosphate - Tribasic	0	0		Sodium Phosphate
Sodium Polyacrylate	2	0		
Sodium Rhodizonate	0	0		Rhodizonic Acid, Sodium Salt
Sodium Salicylate	1	0		
Sodium Silicate	0	0		Waterglass

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sodium Sulfamate	0	0		Sodium Sulphamate
Sodium Sulfate	0	0		Sodium Sulphate
Sodium Sulfide	1	1		Sodium Sulphide
Sodium Sulfite	0	1		Sodium Sulphite
Sodium Tartrate Anhydrous	0	0		Sodium Tartrate
Sodium Tartrate Dihydrate	0	0		Sodium Tartrate
Sodium Thiocyanate	0	1		Sodium Isothiocyanate
Sodium Thiosulfate - Anhydrous	0	0		Hypo
Sodium Thiosulfate - Pentahydrate	0	0		Hypo - Pentahydrate
Sodium Tungstate	0	0		Sodium Tungstate Dihydrate
Stannic Chloride	0	1		Tin Chloride
Stannous Chloride	0	0		Tin Chloride
Starch	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Stearic Acid - Laboratory Grade	1	0		Stearic Acid
Stearic Acid - Reagent Grade	1	0		Stearic Acid
Streptomycin Sulfate	0	0		
Strontium	2	2	W	
Strontium Bromide	0	0		
Strontium Carbonate	0	0		
Strontium Chloride	0	0		Strontium Chloride - 6-Hydrate
Strontium Hydroxide Octahydrate	0	1		Strontium Hydroxide
Strontium Hydroxide Solution	0	1		Strontium Hydroxide
Strontium Nitrate	0	0		
Strychnine	0	0		Mole Death
Styrene	3	0		Styrene Monomer
Succinic Acid	1	0		
Sucrose	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sudan III	1	0		Sudan Red III
Sudan III Solution	3	0		
Sudan IV	1	0		Oil Red
Sudan IV Solution	3	0		
Sudan Yellow	1	0		Oil Yellow
Sulfamic Acid	0	0		
Sulfanilamide	1	0		
Sulfanilic Acid	1	0		
Sulfosalicylic Acid	0	0		5-Sulfosalicylic Acid
Sulfur - Precipitated	1	0		Sulfur Flowers
Sulfur Dioxide	0	0		Sulfur Dioxide - Liquified
Sulfur Hexafluoride	0	0		
Sulfurated Potash	3	0		Liver of Sulfur

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Sulfuric Acid (<1 molar)	0	0		Sulfuric Acid
Sulfuric Acid (>6 molar)	0	2	OX	Sulfuric Acid
Sulfuric Acid (1 molar to 6 molar)	0	0		Sulfuric Acid
Talc	0	0		
Tannic Acid	1	0		Tannin
Tartaric Acid	1	0		L-Tartaric acid
Tert-Butanol	3	0		Butanol
Testosterone	0	0		
Testosterone Propionate	0	0		
Tetrabromoethane	0	1		Acetylene Tetrabromide
Tetracycline Hydrochloride	0	1		
Tetrafluoroethylene	3	4		
Tetrahydrofuran	3	1		THF



Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Tetramethyl-p-phenylenediamine Dihydrochloride	0	0		N,N,N',N'-Tetramethyl-1,4-benzenediamine Dihydrochloride
Thallium	0	0		
Thermit	2	0		
Thermit Igniting Sticks	1	0		
Thiamine Hydrochloride	1	0		Vitamin B-1
Thimerosal	0	0		Thiomerosal
Thioacetamide	1	0		
Thionin	0	0		Thionin Stain
Thionyl Chloride	0	2	W	
Thiourea	1	0		Thiocarbamide

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Thorium Nitrate	0	0	RAD, OX	
Thymol	1	0		
Thymol Blue	1	0		
Thymolphthalein	1	0		
Thymolphthalein Solution	3	0		
Thyroxine	0	0		L-Thyroxine
Tin - Metal Lump	0	0		Tin
Tin - Powder	1	0		Tin
Tin Oxide	0	0		Stannic Oxide
Titanium Dioxide	0	0		Titanium (IV) Oxide
Titanium Tetrachloride	0	2	W	
Titanium Trichloride	0	1	W	

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Tollen's Reagent	1	2		
Toluene	3	0		Toluol
Toluidine Blue O	1	0		Toluidine Blue
Toluidine, o-	2	0		
Tricaine Methanesulfonate	1	0		
Trichloroacetic Acid	0	0		
Trichloroethane	1	1		1,1,1-Trichloroethane
Trichloroethylene	1	0		
Trichlorotrifluoroethane	0	0		1,1,2-Trichloro Trifluoroethane
Triethanolamine	1	0		Nitrilotriethanol
Triethyl Phosphate	1	1		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Triethylamine	3	0		
Trimethylamine	3	0		
Trinitrobenzene	4	4		1,3,5-Trinitrobenzene
Trinitrotoluene	4	4		TNT
Triphenyl Tetrazolium Chloride	1	0		Tetrazolium Chloride
Tris-Hydroxymethyl Aminomethane	1	0		2-Amino-2-Hydroxymethyl-1,3-Propanediol
Triton X-100	1	0		
Turpentine	3	0		
Tyrosine	0	0		L-(-)-Tyrosine
Universal Indicator	3	0		Universal Indicator - Ethanol Solution
Uranium	4	3	RAD	
Uranyl Acetate	0	0	RAD	Uranium Acetate
Uranyl Nitrate	0	0	RAD, OX	Uranium Nitrate

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Urea	0	0		
Urease	1	0		
Urethane	1	0		Ethyl Carbamate
Vanadium Pentoxide	0	1		Vanadium Oxide
Vegetable Oil	1	0		
Vinyl Chloride	4	1		Chloroethylene
Vinyl Ether	4	2		
Winkler's Solution #1	0	0		Manganous Sulfate Solution
Winkler's Solution #2	0	1		Alkaline - Iodide Solution
Wood's Metal	0	0		Wood's Metal Alloy
Wright's Stain	0	0		Wright Stain
Wright's Stain Solution	3	0		Wright Stain
Xylene	3	0		Xylenes
Xylose	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Yttrium Oxide	0	0		
Zenker's Fixative	0	0	OX	Zenker Fluid Fixative
Zeolite	0	0		
Zinc - Metal Lump	0	0		Zinc - Mossy
Zinc - Powder	1	1	W	Zinc
Zinc Acetate	0	0		
Zinc Carbonate	0	0		
Zinc Carbonate - Basic	0	0		Zinc Carbonate Hydroxide
Zinc Chloride	0	0		
Zinc Nitrate - Anhydrous	0	0	OX	Zinc Nitrate
Zinc Nitrate - Hexahydrate	0	0	OX	Zinc Nitrate
Zinc Oxide	0	0		
Zinc Stearate	1	0		

Chemical Name	NFPA Flammability	NFPA Reactivity	NFPA Special Hazards	Synonym 1
Zinc Sulfate - 7-Hydrate	0	0		Zinc Sulphate
Zinc Sulfate - Anhydrous	0	0		Zinc Sulphate
Zinc Sulfate - Monohydrate	0	0		Zinc Sulphate
Zinc Sulfide	0	1		Zinc Sulphide
Zirconium Tetranitrate	0	0	OX	Zirconium (IV) Nitrate

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Abscisic Acid		Rarely used	Not Sold	Not Sold
Acetal		Not sold to schools	Not Sold	Not Sold
Acetaldehyde		Rarely used	yes	Not Sold
Acetamide		Frequent use	yes	yes
Acetanilide		Rarely used	yes	yes
Acetic Acid (<1 Molar)		Very commonly used	yes	yes
Acetic Acid (>6 Molar)		Very commonly used	yes	yes
Acetic Acid (1 Molar to 6 Molar)		Very commonly used	yes	yes
Acetic Anhydride		Rarely used	yes	yes
Aceto Carmine	Carmine-Aceto Solution	Rarely used	yes	yes
Acetone		Frequent use	yes	yes
Acetonitrile		Not sold	yes	Not Sold
Aceto-Orcein Solution		Infrequent use	yes	yes



Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Acetyl Chloride		Not sold to schools	Not Sold	Not Sold
Acetylcholine Bromide		Not sold	Not Sold	yes
Acetylcholine Bromide Solution		Not sold	Not Sold	yes
Acetylcholine Chloride		Rarely used	yes	Not Sold
Acetylcholine Chloride Solution		Rarely used	yes	Not Sold
Acetylene	Acetylene Gas	Not sold to schools	Not Sold	Not Sold
Acetylsalicylic Acid		Infrequent use	yes	yes
Acridine Orange		Not sold	yes	yes
Acrolein		Not sold to schools	Not Sold	Not Sold
Acrylamide		Not sold to schools	Not Sold	Not Sold
Acrylic Acid		Not sold to schools	Not Sold	Not Sold
Acrylonitrile		Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Adenine		Rarely used	yes	yes
Adenosine Triphosphate	ATP	Rarely used	Not Sold	yes
Adipic Acid		Rarely used	Not Sold	yes
Adipoyl Chloride		Rarely used	Not Sold	yes
Adipoyl Chloride - Hexane Solution		Infrequent use	Not Sold	Not Sold
Adrenaline	DL-Adrenaline	Infrequent use	yes	Not Sold
Adrenaline Chloride Solution		Rarely used	Not Sold	yes
Agar		Frequent use	yes	yes
Agarose		Very commonly used	yes	yes
Aitch-tu-ess Cartridges		Rarely used	Not Sold	Not Sold
Alanine, DL-		Rarely used	Not Sold	Not Sold
Alanine, L-		Rarely used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Albumin		Frequent use	yes	Not Sold
Alconox		Rarely used	yes	yes
Alizarin		Rarely used	yes	Not Sold
Alizarin Red S		Rarely used	yes	yes
Alizarin Yellow R		Rarely used	yes	yes
Alkaline Iodide Azide		Not sold to schools	Not Sold	Not Sold
Alkaline Potassium Iodide		Rarely used	Not Sold	Not Sold
Allyl Chloride		Not sold to schools	Not Sold	Not Sold
Aluminon		Rarely used	Not Sold	yes
Aluminum - Metal Lump		Very commonly used	yes	yes
Aluminum - Powder		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Aluminum Ammonium Sulfate		Rarely used	yes	yes
Aluminum Chloride - Anhydrous	Aluminum Trichloride	Rarely used	Not Sold	yes
Aluminum Chloride - Hexahydrate	Aluminum Trichloride	Frequent use	Not Sold	yes
Aluminum Hydroxide		Rarely used	yes	yes
Aluminum Nitrate - Anhydrous		Not sold to schools	Not Sold	Not Sold
Aluminum Nitrate - Nonahydrate		Rarely used	yes	yes
Aluminum Oxide	Alumina	Rarely used	yes	yes
Aluminum Potassium Sulfate	Alum	Rarely used	yes	yes
Aluminum Sodium Sulfate		Rarely used	Not Sold	yes
Aluminum Sulfate - 18 hydrate	Aluminum Sulphate	Infrequent use	yes	yes
Aluminum Sulfate - Anhydrous	Aluminum Sulphate	Not sold	Not Sold	yes
Aminodiphenyl, 4-		Not sold	Not Sold	Not Sold
Ammonium Acetate		Infrequent use	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Ammonium Bicarbonate		Rarely used	Not Sold	yes
Ammonium Bifluoride	Ammonium Hydrogen Fluoride	Not sold to schools	Not Sold	Not Sold
Ammonium Bromide		Rarely used	Not Sold	yes
Ammonium Carbonate		Infrequent use	yes	yes
Ammonium Chloride		Very commonly used	yes	yes
Ammonium Chromate		Rarely used	Not Sold	Not Sold
Ammonium Citrate		Rarely used	Not Sold	Not Sold
Ammonium Dichromate		Infrequent use	yes	yes
Ammonium Fluoride		Rarely used	yes	Not Sold
Ammonium Hydroxide (<1 Molar)	Ammonia	Frequent use	yes	yes
Ammonium Hydroxide (>6 Molar)		Very commonly used	yes	yes
Ammonium Hydroxide (1 Molar to 6 Molar)	Ammonium Hydroxide Solution	Frequent use	yes	yes
Ammonium Iodide		Infrequent use	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Ammonium Metavanadate		Rarely used	Not Sold	yes
Ammonium Molybdate		Infrequent use	yes	yes
Ammonium Nitrate		Infrequent use	yes	yes
Ammonium Nitrite		Not sold to schools	Not Sold	Not Sold
Ammonium Oxalate - Anhydrous		Not sold to schools	Not Sold	Not Sold
Ammonium Oxalate - Monohydrate		Infrequent use	yes	yes
Ammonium Perchlorate		Not sold to schools	Not Sold	Not Sold
Ammonium Persulfate		Infrequent use	yes	yes
Ammonium Phosphate - Dibasic		Rarely used	Not Sold	yes
Ammonium Phosphate - Monobasic	Ammonium Dihydrogen Phosphate	Rarely used	yes	yes
Ammonium Polysulfide		Not sold to schools	Not Sold	Not Sold
Ammonium Sulfate	Ammonium Sulphate	Infrequent use	yes	yes
Ammonium Sulfide		Rarely used	Not Sold	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Ammonium Tartrate		Rarely used	yes	Not Sold
Ammonium Thiocyanate		Rarely used	yes	yes
Amyl Acetate		Rarely used	yes	yes
Amylase		Frequent use	Not Sold	yes
Anasol		Rarely used	Not Sold	Not Sold
Anhydrous Ammonia		Not sold to schools	Not Sold	Not Sold
Aniline		Rarely used	yes	yes
Aniline Acetate		Not sold to schools	Not Sold	Not Sold
Aniline Blue		Infrequent use	yes	Not Sold
Aniline Hydrochloride		Rarely used	Not Sold	yes
Anthracene		Not sold to schools	Not Sold	Not Sold
Anthranilic Acid		Rarely used	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Antimony - Metal Lump		Rarely used	Not Sold	yes
Antimony - Powder		Rarely used	Not Sold	Not Sold
Antimony Potassium Tartrate		Rarely used	Not Sold	yes
Antimony Trichloride		Rarely used	yes	yes
Arabinose		Rarely used	yes	Not Sold
Arginine		Infrequent use	Not Sold	Not Sold
Arsenic - Metal Lump		Not sold to schools	Not Sold	Not Sold
Arsenic - Powder		Not sold to schools	Not Sold	Not Sold



Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Arsenic Trioxide	Arsenious Acid	Rarely used	Not Sold	Not Sold
Arsine		Not sold to schools	Not Sold	Not Sold
Asbestos		Not sold to schools	Not Sold	Not Sold
Ascarite		Not sold to schools	Not Sold	Not Sold
Ascorbic Acid		Frequent use	yes	yes
Asparagine		Rarely used	Not Sold	Not Sold
Aspartic Acid		Rarely used	Not Sold	Not Sold
Barfoed Reagent		Rarely used	yes	yes
Barium - Metal Lump		Not sold	Not Sold	yes
Barium - Powder		Not sold to schools	Not Sold	Not Sold
Barium Acetate		Rarely used	Not Sold	yes
Barium Carbonate		Rarely used	Not Sold	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Barium Chloride		Very commonly used	yes	yes
Barium Chromate		Not sold to schools	Not Sold	Not Sold
Barium Hydroxide		Infrequent use	yes	yes
Barium Nitrate		Very commonly used	Not Sold	yes
Barium Peroxide		Rarely used	Not Sold	yes
Barium Sulfate		Infrequent use	yes	yes
Benedict's Reagent		Frequent use	yes	yes
Benzaldehyde		Rarely used	yes	Not Sold
Benzene		Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Benzidine		Not sold to schools	Not Sold	Not Sold
Benzoic Acid		Infrequent use	yes	yes
Benzoin		Rarely used	Not Sold	Not Sold
Benzonitrile		Not sold to schools	Not Sold	Not Sold
Benzophenone		Rarely used	yes	yes
Benzoyl Chloride		Not sold to schools	Not Sold	Not Sold
Benzoyl Peroxide		Rarely used	Not Sold	Not Sold
Benzyl Alcohol		Rarely used	yes	yes
Benzylaminopurine		Not sold to schools	Not Sold	Not Sold
Beryllium - Metal Lump		Not sold to schools	Not Sold	Not Sold
Beryllium - Powder		Not sold to schools	Not Sold	Not Sold
Beryllium Hydroxide		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Beryllium Oxide		Not sold to schools	Not Sold	Not Sold
Beryllium Sulfate	Beryllium Sulphate	Not sold to schools	Not Sold	Not Sold
Bile Salts		Infrequent use	Not Sold	Not Sold
Bismarck Brown Y		Rarely used	yes	Not Sold
Bismuth - Metal Lump		Rarely used	Not Sold	yes
Bismuth - Powder		Not sold to schools	Not Sold	Not Sold
Bismuth Nitrate		Rarely used	yes	yes
Bismuth Subnitrate		Not sold to schools	Not Sold	Not Sold
Bismuth Trichloride		Infrequent use	Not Sold	yes
Biuret		Rarely used	Not Sold	yes
Biuret Reagent		Frequent use	yes	yes
Boric Acid		Infrequent use	yes	yes

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Boron Trichloride	Trichloroborane	Not sold to schools	Not Sold	Not Sold
Bouin's Fixative		Not sold	yes	Not Sold
Brilliant Cresyl Blue		Rarely used	yes	yes
Brilliant Green		Rarely used	Not Sold	Not Sold
Bromine		Infrequent use	yes	Not Sold
Bromine Water		Infrequent use	yes	yes
Bromobenzene		Rarely used	Not Sold	Not Sold
Bromobutane	Butyl Bromide	Not sold to schools	Not Sold	Not Sold
Bromocresol Green		Infrequent use	yes	yes
Bromocresol Purple		Rarely used	yes	yes
Bromoform		Rarely used	Not Sold	Not Sold
Bromphenol Blue		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Bromthymol Blue		Frequent use	yes	yes
Butadiene	Vinyl Ethylene	Not sold to schools	Not Sold	Not Sold
Butanol, 1-	n-Butanol	Rarely used	yes	yes
Butanol, 2-	sec-Butanol	Rarely used	yes	Not Sold
Butoxyethanol	2-Butoxyethanol	Not sold to schools	Not Sold	Not Sold
Butyl Acetate		Not sold to schools	Not Sold	Not Sold
Butyl Stearate		Rarely used	Not Sold	Not Sold
Butylated Hydroxytoluene	BHT	Not sold	Not Sold	yes
Butyraldehyde		Not sold to schools	Not Sold	Not Sold
Butyric Acid		Rarely used	yes	yes
Cadmium - Metal Lump		Rarely used	yes	yes
Cadmium - Powder		Not sold to schools	Not Sold	Not Sold
Cadmium Chloride - Anhydrous	Cadmium Dichloride	Rarely used	yes	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Cadmium Chloride - Pentahydrate	Cadmium Dichloride	Not sold to schools	Not Sold	Not Sold
Cadmium Nitrate - Anhydrous	Cadmium (I) Nitrate	Infrequent use	Not Sold	Not Sold
Cadmium Nitrate - Tetrahydrate	Cadmium (I) Nitrate	Infrequent use	yes	yes
Cadmium Oxide		Not sold to schools	Not Sold	Not Sold
Cadmium Sulfate - Anhydrous		Not sold to schools	Not Sold	Not Sold
Cadmium Sulfate - Octahydrate		Not sold to schools	Not Sold	Not Sold
Caffeine		Rarely used	yes	yes
Calcium - Metal Lump	Calcium Turnings	Infrequent use	yes	yes
Calcium - Powder		Infrequent use	yes	yes
Calcium Acetate		Infrequent use	yes	yes
Calcium Bromide		Not sold to schools	Not Sold	Not Sold
Calcium Carbide	Calcium Acetylide	Infrequent use	yes	yes
Calcium Carbonate	Marble Chips	Very commonly used	yes	yes
Calcium Chloride		Very commonly used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Calcium Chloride		Very commonly used	yes	yes
Calcium Cyanide		Rarely used	yes	Not Sold
Calcium Fluoride		Rarely used	Not Sold	yes
Calcium Gluconate		Not sold to schools	Not Sold	Not Sold
Calcium Hydroxide		Infrequent use	yes	yes
Calcium Hypochlorite		Rarely used	Not Sold	yes
Calcium Iodide		Rarely used	Not Sold	Not Sold
Calcium Nitrate - Anhydrous	Calcium (II) Nitrate - Anhydrous	Not sold to schools	Not Sold	Not Sold
Calcium Nitrate - Hydrate		Very commonly used	yes	yes
Calcium Oxide	Quicklime	Infrequent use	yes	yes
Calcium Phosphate, Dibasic	Calcium Phosphate - Dibasic Dihydrate	Rarely used	yes	yes
Calcium Phosphate, Monobasic	Calcium Phosphate - Monobasic	Rarely used	yes	yes
Calcium Phosphate, Tribasic	Calcium Phosphate - Tribasic	Rarely used	Not Sold	yes



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Calcium Sulfate - Dihydrate	Plaster of Paris	Infrequent use	Not Sold	yes
Calcium Sulfate - Hemihydrate	Plaster of Paris	Infrequent use	yes	yes
Calcium Sulfide		Not sold to schools	Not Sold	Not Sold
Calmagite		Rarely used	Not Sold	yes
Camphor		Infrequent use	yes	yes
Canadian Balsam		Rarely used	yes	yes
Canadian Balsam in Xylene		Rarely used	yes	Not Sold
Carbol Fuchsin		Rarely used	yes	yes
Carbon		Infrequent use	yes	yes
Carbon Black		Infrequent use	yes	yes
Carbon Disulfide		Rarely used	yes	yes
Carbon Monoxide		Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Carbon Tetrachloride		Not sold to schools	Not Sold	Not Sold
Carbonyl Sulfide		Not sold to schools	Not Sold	Not Sold
Carmin		Rarely used	yes	Not Sold
Carnauba Wax		Rarely used	Not Sold	Not Sold
Carnoy's Fixative	Carnoy's Solution	Rarely used	yes	yes
Casein		Rarely used	yes	Not Sold
Catalase		Rarely used	yes	yes
Catechol		Rarely used	yes	Not Sold
Cedarwood Oil		Rarely used	yes	yes
Cellulose		Rarely used	yes	yes
Cerium Ammonium Nitrate	Ceric Ammonium Nitrate	Rarely used	Not Sold	Not Sold
Cesium Chloride	Tricesium Trichloride	Rarely used	Not Sold	Not Sold
Cetyl Alcohol		Rarely used	yes	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Charcoal		Infrequent use	yes	yes
Chloral Hydrate		Not sold to schools	Not Sold	Not Sold
Chloretone	Chlorobutanol	Not sold	yes	Not Sold
Chlorine		Not sold to schools	Not Sold	Not Sold
Chlorine Trifluoride		Not sold	yes	Not Sold
Chlorine Water		Infrequent use	yes	yes
Chlorobenzene		Not sold to schools	Not Sold	Not Sold
Chloroethanol	Ethylene Chlorohydrin	Not sold to schools	Not Sold	Not Sold
Chloroform		Rarely used	yes	yes
Chlorophenol	p-Chlorophenol	Not sold to schools	Not Sold	Not Sold
Chlorophenol Red		Rarely used	yes	Not Sold
Chlorophyllin		Infrequent use	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Chloroprene		Not sold to schools	Not Sold	Not Sold
Chlorpromazine		Not sold to schools	Not Sold	Not Sold
Chlorosulfonic Acid		Not sold to schools	Not Sold	Not Sold
Cholesterol		Rarely used	yes	Not Sold
Chromatography Solvent		Frequent use	yes	yes
Chromic Acid	Chromium Trioxide Solution	Rarely used	yes	Not Sold
Chromium - Metal Lump		Rarely used	Not Sold	yes
Chromium - Powder		Not sold to schools	Not Sold	Not Sold
Chromium Chloride - Anhydrous	Chromium Chloride	Not sold to schools	Not Sold	Not Sold
Chromium Chloride - Hydrate	Chromium Chloride	Rarely used	Not Sold	yes
Chromium Nitrate	Chromium Nitrate - Hydrate	Infrequent use	yes	yes
Chromium Oxide	Chromic Oxide	Rarely used	Not Sold	yes
Chromium Potassium Sulfate - Anhydrous	Chrome Potash Alum	Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Chromium Potassium Sulfate - Dodecahydrate	Chrome Alum Dodecahydrate	Rarely used	yes	yes
Chromium Sulfate	Chromium Sulphate	Infrequent use	Not Sold	yes
Chromium Trioxide	Chromic Acid - Solid	Rarely used	yes	Not Sold
Chy-Max		Infrequent use	Not Sold	Not Sold
Cinnamaldehyde		Rarely used	Not Sold	Not Sold
Citric Acid		Infrequent use	yes	yes
Clayton Yellow		Rarely used	Not Sold	Not Sold
Clove Oil		Rarely used	yes	yes
Cobalt - Metal Lump		Rarely used	Not Sold	yes
Cobalt - Powder		Not sold to schools	Not Sold	Not Sold
Cobalt Carbonate		Rarely used	Not Sold	Not Sold
Cobalt Chloride - Anhydrous	Cobaltous Chloride	Not sold to schools	Not Sold	Not Sold
Cobalt Chloride - Hydrate	Cobaltous Chloride	Infrequent use	yes	yes
Cobalt Nitrate - Anhydrous		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Cobalt Nitrate - Hydrate		Infrequent use	yes	yes
Cobalt Oxide	Cobaltous Oxide	Rarely used	Not Sold	yes
Cobalt Sulfate	Cobaltous Sulfate	Infrequent use	yes	yes
Colchicine		Infrequent use	yes	Not Sold
Collodion		Not sold	yes	Not Sold
Congo Red	Direct Red 28	Infrequent use	yes	yes
Copper - Metal Lump		Infrequent use	yes	yes
Copper - Powder		Rarely used	Not Sold	yes
Copper Acetate - Anhydrous	Cupric Acetate	Not sold to schools	Not Sold	Not Sold
Copper Acetate - Hydrate	Cupric Acetate	Rarely used	Not Sold	yes
Copper Bromide	Cuprous Bromide	Rarely used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Copper Carbonate	Cupric Carbonate	Frequent use	yes	yes
Copper Chloride - Anhydrous	Cupric Chloride	Not sold	yes	yes
Copper Chloride - Dihydrate	Cupric Chloride	Very commonly used	yes	yes
Copper Hydroxide		Not sold to schools	Not Sold	Not Sold
Copper Nitrate - Anhydrous	Cupric Nitrate	Not sold	yes	Not Sold
Copper Nitrate - Hemipentahydrate	Cupric Nitrate	Not sold to schools	Not Sold	Not Sold
Copper Nitrate - Trihydrate	Cupric Nitrate	Very commonly used	Not Sold	yes
Copper Sulfate	Cupric Sulfate	Very commonly used	yes	yes
Creatine		Not sold	yes	Not Sold
Creatinine		Rarely used	Not Sold	Not Sold
Creosote		Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Cresol	Methylphenol	Not sold to schools	Not Sold	Not Sold
Cresol Purple	meta-Cresol Purple	Rarely used	yes	yes
Cresol Red		Not sold	Not Sold	yes
Cresol Red, Sodium Salt		Rarely used	yes	Not Sold
Crystal Violet		Infrequent use	yes	yes
Cumene		Not sold to schools	Not Sold	Not Sold
Cupric Cyanide		Not sold to schools	Not Sold	Not Sold
Cupric Oxide		Rarely used	yes	yes
Cupric Sulfide	Copper Sulphide	Not sold	yes	yes
Cuprous Acetate		Not sold to schools	Not Sold	Not Sold
Cuprous Chloride	Cuprous Chloride	Very commonly used	Not Sold	Not Sold
Cuprous Cyanide	Cuprous Cyanide	Not sold to schools	Not Sold	Not Sold
Cuprous Oxide		Not sold	yes	Not Sold
Cuprous Sulphide	Cuprous Sulfide	Not sold to schools	Not Sold	Not Sold



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Cyanogen Bromide		Not sold to schools	Not Sold	Not Sold
Cyclohexane		Rarely used	Not Sold	yes
Cyclohexanol		Rarely used	Not Sold	Not Sold
Cyclohexanone		Not sold to schools	Not Sold	Not Sold
Cyclohexene	Tetrahydrobenzene	Rarely used	yes	yes
Cysteine		Infrequent use	Not Sold	Not Sold
Decanoic Acid		Rarely used	Not Sold	yes
Denatured Alcohol		Not sold to schools	Not Sold	Not Sold
Dextrin		Rarely used	yes	Not Sold
Dextrose		Infrequent use	yes	yes
Diastase of Malt		Rarely used	yes	yes
Diatomaceous Earth		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Dibromo-3-chloropropane, 1,2-		Not sold to schools	Not Sold	Not Sold
Dibutyl Phthalate	N-Butyl Phthalate	Infrequent use	Not Sold	yes
Dichlorobenzidine		Not sold to schools	Not Sold	Not Sold
Dichloroethane	Ethylene dichloride	Infrequent use	yes	Not Sold
Dichloroindophenol, Sodium Salt		Not sold	yes	Not Sold
Dichlorophenoxy Acetic Acid	2,4-D	Infrequent use	yes	Not Sold
Diethylamine		Not sold	yes	Not Sold
Dimethyl Aniline	Xylidine	Not sold to schools	Not Sold	Not Sold
Dimethyl Sulfoxide		Rarely used	Not Sold	Not Sold
Dimethylaminoazobenzene, 4-		Not sold to schools	Not Sold	Not Sold
Dimethylglyoxime		Rarely used	yes	yes
Dimethylglyoxime Solution		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Dinitrophenol		Not sold to schools	Not Sold	Not Sold
Dinitrophenyl Hydrazine		Not sold to schools	Not Sold	Not Sold
Dioxane	para-Dioxane	Rarely used	yes	Not Sold
Diphenylamine		Rarely used	yes	yes
Dithizone		Rarely used	yes	Not Sold
Dodecanol		Rarely used	Not Sold	Not Sold
Drierite		Rarely used	yes	Not Sold
Duplicating Fluid	Methanol	Not sold to schools	Not Sold	Not Sold
Eosin Y		Rarely used	yes	yes
Eriochrome Black T		Rarely used	yes	yes
Erythrosin B	Red Dye #3	Rarely used	Not Sold	Not Sold
Estrone		Not sold	yes	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Ethanol	Absolute Alcohol	Very commonly used	yes	yes
Ethanolamine	Monoethanolamine	Not sold	Not Sold	Not Sold
Ethidium Bromide		Rarely used	yes	Not Sold
Ethoxyethanol	Ethylene Glycol Monoethyl Ether	Not sold to schools	Not Sold	Not Sold
Ethyl Acetate		Rarely used	yes	yes
Ethyl Chloride		Not sold to schools	Not Sold	Not Sold
Ethyl Ether	Ethyl Oxide	Infrequent use	yes	yes
Ethyl Iodide		Not sold to schools	Not Sold	Not Sold
Ethyl Nitrate		Not sold to schools	Not Sold	Not Sold
Ethylene Glycol	Antifreeze	Infrequent use	yes	yes
Ethylene Oxide		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Ethylenediamine		Rarely used	yes	yes
Ethylenediamine Tetraacetic Acid		Infrequent use	yes	yes
Ethyleneimine		Not sold to schools	Not Sold	Not Sold
FAA Solution		Infrequent use	yes	Not Sold
Fast Green		Rarely used	yes	yes
Fehling's Solution A		Infrequent use	yes	yes
Fehling's Solution B		Infrequent use	yes	Not Sold
Ferric Ammonium Citrate		Rarely used	yes	Not Sold
Ferric Ammonium Sulfate	Ferrous Ammonium Sulphate	Rarely used	yes	yes
Ferric Oxide	Iron Oxide	Rarely used	yes	yes
Ferric Sulfate	Iron Sulfate	Infrequent use	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Ferrouin Solution		Rarely used	Not Sold	Not Sold
Ferrous Oxide	Iron Oxide	Not sold to schools	Not Sold	Not Sold
Ferrous Sulfate, Anhydrous	Iron Sulfate	Infrequent use	yes	yes
Ferrous Sulfate, Heptahydrate	Iron Sulfate	Infrequent use	yes	yes
Fluorescein		Rarely used	yes	yes
Formaldehyde		Infrequent use	yes	Not Sold
Formalin		Rarely used	yes	yes
Formalternate		Rarely used	Not Sold	Not Sold
Formamide		Not sold to schools	Not Sold	Not Sold
Formic Acid		Infrequent use	yes	yes
Fructose		Infrequent use	yes	Not Sold
Fuchsin Acid		Rarely used	yes	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Fuchsin Basic	Basic Fuchsin	Rarely used	yes	yes
Fuller's Earth		Not sold to schools	Not Sold	Not Sold
Fumaric Acid		Rarely used	Not Sold	Not Sold
Furfural		Not sold to schools	Not Sold	Not Sold
Galactose		Rarely used	yes	Not Sold
Gallium - Metal Lump		Rarely used	Not Sold	yes
Gastric Juice		Rarely used	yes	Not Sold
Gelatin		Infrequent use	yes	yes
Gibberellic Acid		Rarely used	Not Sold	Not Sold
Giemsa Stain		Rarely used	yes	Not Sold
Giemsa Stain Solution	Giemsa Stain - Alcoholic	Rarely used	yes	yes
Gilson's Fixative		Not sold	yes	Not Sold
Glucose		Rarely used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Glutaraldehyde (<6%)	Glutaraldehyde	Rarely used	Not Sold	Not Sold
Glutaraldehyde (>6%)	Glutaraldehyde	Rarely used	yes	yes
Glutathione		Rarely used	Not Sold	yes
Glycerin		Very commonly used	yes	yes
Glycine		Rarely used	yes	yes
Glycogen	Animal Starch	Rarely used	Not Sold	yes
Glyoxal		Not sold to schools	Not Sold	Not Sold
Glyoxal Solution		Rarely used	Not Sold	Not Sold
Gram's Iodine Stain		Infrequent use	yes	yes
Graphite		Rarely used	Not Sold	yes
Guaiacol		Not sold	Not Sold	yes
Guar Gum		Infrequent use	Not Sold	yes
Gum Arabic	Acacia Gum	Rarely used	yes	yes
Gum Rosin		Not sold to schools	Not Sold	Not Sold



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Gunpowder		Not sold to schools	Not Sold	Not Sold
Hayem Diluting Fluid		Not sold	yes	yes
Helium		Infrequent use	Not Sold	Not Sold
Hematoxylin		Rarely used	yes	yes
Heptane	n-Heptane	Rarely used	yes	yes
Hexachlorophene		Not sold to schools	Not Sold	Not Sold
Hexamethylenediamine	1,6-Diaminohexane	Infrequent use	yes	Not Sold
Hexamethylenediamine - Sodium Hydroxide Solution		Infrequent use	Not Sold	Not Sold
Hexane	Hexanes	Infrequent use	yes	yes
Hexane/Acetone Aerosol Sprays		Not sold to schools	Not Sold	Not Sold
Hexanol	Hexyl Alcohol	Rarely used	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Hydrazine		Not sold to schools	Not Sold	Not Sold
Hydrazine Sulfate		Not sold to schools	Not Sold	Not Sold
Hydriodic Acid		Not sold	yes	Not Sold
Hydrobromic Acid		Rarely used	Not Sold	Not Sold
Hydrochloric Acid (<1 molar)		Very commonly used	yes	yes
Hydrochloric Acid (>6 molar)		Very commonly used	yes	yes
Hydrochloric Acid (1 molar to 6 molar )		Very commonly used	yes	yes
Hydrofluoric Acid	Etching Acid	Not sold	yes	Not Sold
Hydrogen		Infrequent use	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Hydrogen Bromide		Not sold to schools	Not Sold	Not Sold
Hydrogen Chloride		Not sold	Not Sold	Not Sold
Hydrogen Peroxide ( <4%)		Very commonly used	yes	yes
Hydrogen Peroxide ( 20% to 30% )		Infrequent use	yes	yes
Hydrogen Peroxide ( 4% to 20% )		Infrequent use	yes	yes
Hydrogen Peroxide (>31% )		Not sold to schools	Not Sold	Not Sold
Hydrogen Sulfide Gas		Not sold to schools	Not Sold	Not Sold
Hydrogen Sulfide Water		Not sold	Not Sold	yes
Hydroquinone		Rarely used	yes	Not Sold
Hydroxy Naphthol Blue		Rarely used	Not Sold	Not Sold
Hydroxylamine Hydrochloride		Rarely used	yes	Not Sold
Immersion Oil		Commonly used	yes	yes
Immersion Oil - Containing PCBs	Immersion Oil	Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Indigo Carmine		Infrequent use	yes	yes
Indigo Dye		Rarely used	Not Sold	Not Sold
Indole-3-Acetic Acid		Rarely used	yes	Not Sold
Indole-3-Butyric Acid		Rarely used	yes	Not Sold
Invertase		Rarely used	yes	yes
Iodine		Very commonly used	yes	yes
Iodine Potassium Iodide Solution		Infrequent use	yes	yes
Iodine Tincture		Infrequent use	yes	yes
Iron - Metal Lump		Very commonly used	yes	yes
Iron - Powder		Rarely used	yes	yes
Iron Chloride	Ferric Chloride	Very commonly used	yes	yes
Iron Nitrate - 9 Hydrate	Ferric Nitrate - Nonahydrate	Very commonly used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Iron Nitrate - Anhydrous	Ferric Nitrate - Anhydrous	Not sold	Not Sold	yes
Iron Sulfide	Ferrous Sulfide	Not sold	yes	yes
Isobutanol	Isobutyl Alcohol	Infrequent use	yes	yes
Isopropanol	Rubbing Alcohol	Very commonly used	yes	yes
Isopropyl Ether		Not sold to schools	Not Sold	Not Sold
Isovaleric Acid		Rarely used	Not Sold	Not Sold
Janus Green B		Rarely used	yes	yes
Kaolin		Rarely used	yes	yes
Kerosene		Infrequent use	yes	yes
Kinetin		Rarely used	yes	Not Sold
Kleermount in Xylene	Xylol	Not sold	yes	Not Sold
Knop's Solution		Rarely used	Not Sold	Not Sold
Lactic Acid		Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Lactose		Infrequent use	yes	Not Sold
Lanolin		Rarely used	yes	yes
Lanthanum Nitrate - Anhydrous		Rarely used	Not Sold	Not Sold
Lanthanum Nitrate - Hexahydrate		Rarely used	Not Sold	Not Sold
Latex		Infrequent use	Not Sold	Not Sold
Lauric Acid		Infrequent use	yes	yes
Lauroyl Peroxide		Rarely used	Not Sold	Not Sold
Lead - Metal Lump	Lead Shot	Frequent use	yes	yes
Lead - Powder		Rarely used	Not Sold	Not Sold
Lead Acetate - Dibasic		Rarely used	Not Sold	Not Sold
Lead Acetate - Monobasic	Lead Acetate Monobasic	Rarely used	yes	yes
Lead Arsenate		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Lead Bromide		Not sold to schools	Not Sold	Not Sold
Lead Carbonate		Infrequent use	Not Sold	Not Sold
Lead Carbonate - Basic	Lead Subcarbonate	Infrequent use	Not Sold	Not Sold
Lead Chloride		Infrequent use	yes	yes
Lead Chromate		Not sold to schools	Not Sold	Not Sold
Lead Diiodide		Not sold to schools	Not Sold	Not Sold
Lead Dioxide	Lead Oxide Brown	Rarely used	yes	Not Sold
Lead Iodide		Not sold to schools	Not Sold	Not Sold
Lead Monooxide	Lead Oxide Yellow	Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Lead Nitrate		Very commonly used	yes	yes
Lead Oxide	Lead Oxide - Mono	Rarely used	yes	Not Sold
Lead Sulfate	White Lead	Rarely used	yes	Not Sold
Lead Sulfide	Galena	Rarely used	Not Sold	yes
Lead Tetroxide	Lead Oxide Red	Rarely used	yes	Not Sold
Levulose		Infrequent use	yes	Not Sold
Limewater		Very commonly used	yes	yes
Linseed Oil		Infrequent use	yes	yes
Lipase		Rarely used	yes	Not Sold
Lithium - Metal Lump	Elemental Lithium	Infrequent use	Not Sold	yes
Lithium - Powder	Elemental Lithium	Not sold to schools	Not Sold	Not Sold



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Lithium Aluminum Hydride		Not sold to schools	Not Sold	Not Sold
Lithium Carbonate		Infrequent use	yes	yes
Lithium Chloride		Infrequent use	yes	yes
Lithium Fluoride		Not sold to schools	Not Sold	Not Sold
Lithium Hydroxide - Anhydrous		Rarely used	Not Sold	Not Sold
Lithium Hydroxide - Monohydrate		Rarely used	Not Sold	Not Sold
Lithium Nitrate		Frequent use	yes	yes
Lithium Sulfate - Anhydrous		Rarely used	Not Sold	Not Sold
Lithium Sulfate - Hydrate		Rarely used	Not Sold	Not Sold
Litmus		Rarely used	yes	yes
Lugol's Iodine		Infrequent use	yes	yes
Lull-A-Fly		Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Luminol		Infrequent use	yes	yes
Lycopodium		Infrequent use	yes	yes
Lysine HCl		Rarely used	Not Sold	Not Sold
Lysozyme		Rarely used	Not Sold	Not Sold
Magnesium - Metal Lump	Magnesium Turnings	Very commonly used	yes	yes
Magnesium - Powder	Magnesium Powder	Rarely used	yes	Not Sold
Magnesium Acetate		Rarely used	Not Sold	Not Sold
Magnesium Bromide - Anhydrous		Infrequent use	Not Sold	Not Sold
Magnesium Bromide - Hexahydrate		Infrequent use	Not Sold	Not Sold
Magnesium Carbonate - Anhydrous		Rarely used	Not Sold	Not Sold
Magnesium Carbonate - Hydrate		Rarely used	yes	yes
Magnesium Chloride - Anhydrous		Very commonly used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Magnesium Chloride - Hexahydrate		Very commonly used	yes	yes
Magnesium Hydroxide		Infrequent use	yes	yes
Magnesium Nitrate - Anhydrous		Very commonly used	Not Sold	Not Sold
Magnesium Nitrate - Hexahydrate		Very commonly used	yes	yes
Magnesium Oxide	Calcinated Magnesia	Infrequent use	yes	yes
Magnesium Perchlorate		Not sold to schools	Not Sold	Not Sold
Magnesium Sulfate	Magnesium Sulphate	Very commonly used	yes	yes
Malachite Green		Rarely used	yes	Not Sold
Maleic Acid		Infrequent use	Not Sold	yes
Malonic Acid		Infrequent use	Not Sold	yes
Maltose, D- - Anhydrous	Maltose	Rarely used	Not Sold	Not Sold
Maltose, D- - Monohydrate	Maltose	Rarely used	yes	Not Sold
Manganese - Metal Lump		Infrequent use	Not Sold	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Manganese - Powder		Not sold to schools	Not Sold	Not Sold
Manganese (II) Chloride - Anhydrous	Manganous Chloride	Not sold to schools	Not Sold	Not Sold
Manganese (II) Chloride Tetrahydrate	Manganous Chloride	Frequent use	yes	yes
Manganese (II) Nitrate - Anhydrous	Manganous Nitrate	Not sold to schools	Not Sold	Not Sold
Manganese (II) Nitrate - Tetrahydrate	Manganous Nitrate	Rarely used	yes	yes
Manganese (II) Sulfate - Anhydrous	Manganous Sulfate	Not sold to schools	Not Sold	Not Sold
Manganese (II) Sulfate - Monohydrate	Manganous Sulfate	Frequent use	yes	yes
Manganese Carbonate		Not sold to schools	Not Sold	Not Sold
Manganese Peroxide		Very commonly used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Mannitol		Not sold	yes	Not Sold
Menthol		Rarely used	yes	yes
Mercaptoethanol		Not sold to schools	Not Sold	Not Sold
Mercuric Bichloride		Rarely used	Not Sold	Not Sold
Mercuric Chloride	Corrosive Sublimate	Rarely used	yes	yes
Mercuric Iodide		Not sold	yes	yes
Mercuric Nitrate monohydrate	Mercury Nitrate - Monohydrate	Infrequent use	yes	yes
Mercuric Sulfate	Mercuric Sulphate	Not sold to schools	Not Sold	Not Sold
Mercurochrome	Merbromin	Not sold to schools	Not Sold	Not Sold
Mercurous Chloride	Calomel	Rarely used	yes	yes
Mercurous Nitrate	Mercury Nitrate - Anhydrous	Infrequent use	Not Sold	Not Sold
Mercurous Nitrate (mercury (I) nitrate)	Mercury Nitrate - Hydrate	Infrequent use	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Mercurous Sulfate	Mercurous Sulphate	Not sold to schools	Not Sold	Not Sold
Mercury - Elemental	Quicksilver	Rarely used	yes	yes
Mercury Oxide		Rarely used	yes	Not Sold
Mercury Sulfide	Mercuric Sulphide	Not sold to schools	Not Sold	Not Sold
Mercury Thermometers		Infrequent use	yes	yes
Methanol		Very commonly used	yes	yes
Methionine		Rarely used	Not Sold	Not Sold
Methoxyethanol	Ethylene Glycol Monomethyl Ether	Not sold	yes	Not Sold
Methyl Blue	C.I. 42790	Not sold to schools	Not Sold	Not Sold
Methyl Bromide		Not sold	Not Sold	Not Sold
Methyl Cellulose		Infrequent use	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Methyl Ethyl Ketone	MEK	Rarely used	yes	yes
Methyl Green	Methyl Green Stain	Rarely used	yes	yes
Methyl Iodide		Not sold to schools	Not Sold	Not Sold
Methyl Isobutyl Ketone		Rarely used	Not Sold	Not Sold
Methyl Isocyanate		Not sold to schools	Not Sold	Not Sold
Methyl Isopropyl Ketone		Not sold to schools	Not Sold	Not Sold
Methyl Mercaptan		Not sold	Not Sold	Not Sold
Methyl Methacrylate		Rarely used	Not Sold	Not Sold
Methyl Orange		Infrequent use	yes	yes
Methyl Paraben		Rarely used	Not Sold	Not Sold
Methyl Red		Infrequent use	yes	yes
Methyl Red - Sodium Salt		Infrequent use	yes	yes
Methyl Salicylate		Rarely used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Methyl Tert-Butyl Ether	MTBE	Not sold to schools	Not Sold	Not Sold
Methyl Violet	Gentian Violet, U.S.P.	Rarely used	yes	yes
Methylamine		Not sold to schools	Not Sold	Not Sold
Methylchloromethyl Ether		Not sold to schools	Not Sold	Not Sold
Methylene Blue		Infrequent use	yes	yes
Methylene Chloride		Rarely used	yes	yes
Millon's Reagent		Rarely used	yes	yes
Mineral Oil		Infrequent use	Not Sold	yes
Molisch Reagent		Infrequent use	Not Sold	yes
Molybdenum - Metal Lump		Not sold to schools	Not Sold	Not Sold
Molybdenum - Powder		Not sold to schools	Not Sold	Not Sold
Molybdenum Oxide		Rarely used	Not Sold	Not Sold
Molybdenum Trioxide		Not sold	yes	Not Sold
Monosodium Glutamate		Rarely used	Not Sold	Not Sold



Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Murexide		Rarely used	Not Sold	Not Sold
Muriatic Acid		Very commonly used	yes	Not Sold
Naphthalene		Frequent use	yes	Not Sold
Naphthalene Acetic Acid		Rarely used	yes	Not Sold
Naphthol, 1-	Naphthol	Rarely used	yes	Not Sold
Naphthol, 2-	Naphthol	Not sold to schools	Not Sold	Not Sold
Naphthol-6-Sulfonic Acid - Sodium Salt		Rarely used	Not Sold	Not Sold
Naphthylamine	alpha-Napthylamine	Not sold to schools	Not Sold	Not Sold
Naphthylethylenediamine Dihydrochloride		Rarely used	Not Sold	Not Sold
Neodymium Chloride		Infrequent use	Not Sold	Not Sold
Nessler's Reagent		Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Neutral Red		Rarely used	yes	yes
Niacin		Not sold to schools	Not Sold	Not Sold
Nickel - Metal Lump		Rarely used	yes	yes
Nickel - Powder		Not sold	Not Sold	yes
Nickel Acetate		Not sold to schools	Not Sold	Not Sold
Nickel Ammonium Sulfate	Nickel Ammonium Sulphate	Rarely used	Not Sold	Not Sold
Nickel Chloride - Anhydrous		Rarely used	Not Sold	Not Sold
Nickel Chloride - Hexahydrate		Rarely used	yes	Not Sold
Nickel Monoxide	Nickelous Oxide	Not sold to schools	Not Sold	Not Sold
Nickel Nitrate - Anhydrous		Infrequent use	Not Sold	Not Sold
Nickel Nitrate - Hexahydrate		Infrequent use	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Nickel Sulfate - Anhydrous	Nickel Sulphate	Infrequent use	Not Sold	Not Sold
Nickel Sulfate - Hexahydrate	Nickel Sulphate	Infrequent use	yes	Not Sold
Nickel Trioxide	Nickel (III) Oxide	Not sold to schools	Not Sold	Not Sold
Nicotine		Rarely used	yes	yes
Nigrosin		Infrequent use	yes	yes
Ninhydrin		Rarely used	yes	yes
Nitric Acid (<1 molar)		Frequent use	yes	yes
Nitric Acid (>6 molar)		Infrequent use	yes	Not Sold
Nitric Acid (1 molar to 6 molar)		Frequent use	yes	yes
Nitrilotriacetic Acid		Not sold to schools	Not Sold	Not Sold
Nitroacetanilide		Rarely used	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Nitrobenzaldehyde		Infrequent use	Not Sold	Not Sold
Nitrobenzene		Not sold to schools	Not Sold	Not Sold
Nitrocellulose	Cellulose Nitrate	Not sold to schools		
Nitrogen		Rarely used	Not Sold	Not Sold
Nitrogen Triiodide		Not sold to schools	Not Sold	Not Sold
Nitroglycerin		Not sold to schools	Not Sold	Not Sold
Nitrophenol, 3-	Nitrophenol	Rarely used	yes	Not Sold
Nitrophenol, 4-	Nitrophenol	Rarely used	Not Sold	Not Sold
Nitrophenylazo Resorcinol		Rarely used	Not Sold	Not Sold
Nitrosodimethylamine, N-		Not sold to schools	Not Sold	Not Sold
Octadecanol	Stearyl Alcohol	Infrequent use	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Octanol, 1-	Octyl Alcohol	Infrequent use	yes	yes
Octanol, 2-	Capryl Alcohol	Rarely used	yes	Not Sold
Octyl Phenol		Rarely used	Not Sold	Not Sold
Oleic Acid		Infrequent use	Not Sold	yes
Onion's Fusible Alloy		Infrequent use	Not Sold	Not Sold
Orange G		Rarely used	yes	Not Sold
Orange IV		Infrequent use	yes	yes
Orcein		Rarely used	yes	yes
Orcinol		Rarely used	yes	Not Sold
Ortho-dichlorobenzene	o-Dichlorobenzene	Not sold to schools	Not Sold	Not Sold
Osmium Tetroxide		Not sold to schools	Not Sold	Not Sold
Oxalic Acid - Anhydrous		Not sold to schools	Not Sold	Not Sold
Oxalic Acid - Dihydrate		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Oxygen		Infrequent use	Not Sold	Not Sold
Palmitic Acid		Rarely used	Not Sold	Not Sold
Pancreatin		Infrequent use	yes	yes
Papain		Rarely used	Not Sold	Not Sold
Para-dichlorobenzene	p-Dichlorobenzene	Infrequent use	yes	yes
Paraffin		Infrequent use	yes	yes
Paraformaldehyde		Not sold	yes	Not Sold
Paraldehyde		Not sold to schools	Not Sold	Not Sold
Paris Green	Vienna Green	Not sold to schools	Not Sold	Not Sold
Penicillin G Sodium		Rarely used	Not Sold	Not Sold
Pentachlorophenol		Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Pentane	n-Pentane	Rarely used	Not Sold	yes
Pentanol, 1-	Pentyl Alcohol	Infrequent use	yes	yes
Pentanol, 2-		Rarely used	yes	yes
Peppermint Oil		Rarely used	Not Sold	yes
Pepsin		Infrequent use	yes	yes
Peptone		Infrequent use	Not Sold	yes
Perchloric Acid		Not sold	yes	Not Sold
Perchloroethylene	Perc	Rarely used	Not Sold	Not Sold
Permunt	Piccolyte	Not sold	Not Sold	yes
Petrolatum	Vaseline	Rarely used	yes	yes
Petroleum Ether	Naphtha	Infrequent use	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
pH 10 Buffer - Ammonium Hydroxide		Frequent use	yes	yes
pH 10 Buffer - Borate		Frequent use	yes	yes
pH 10 Buffer - Clear		Frequent use	yes	yes
pH 4 Buffer - Acetate		Frequent use	yes	yes
pH 4 Buffer - Biphthalate		Frequent use	yes	yes
pH 7 Buffer - Phosphate		Frequent use	yes	yes
pH 7.4 Buffer - Tris		Infrequent use	Not Sold	Not Sold
Phenanthroline	o-Phenanthroline	Rarely used	Not Sold	Not Sold
Phenol		Rarely used	yes	Not Sold
Phenol Red		Rarely used	yes	yes



Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Phenolphthalein		Very commonly used	yes	yes
Phenolphthalein - Ethanol Solution		Very commonly used	yes	yes
Phenyl Salicylate		Rarely used	Not Sold	yes
Phenylarsine Oxide - Solid	Phenylarsine Oxide	Not sold to schools	Not Sold	Not Sold
Phenylarsine Oxide - Solution	Phenylarsine Oxide	Not sold to schools	Not Sold	Not Sold
Phenylhydrazine Hydrochloride		Rarely used	yes	Not Sold
Phenylthiocarbamide	Phenylthiourea	Rarely used	yes	yes
Phloroglucinol		Rarely used	yes	Not Sold
Phosphomolybdic Acid		Rarely used	Not Sold	Not Sold
Phosphoric Acid (<1 molar)		Infrequent use	yes	Not Sold
Phosphoric Acid (>6 molar)	Ortho-Phosphoric Acid	Infrequent use	yes	yes
Phosphoric Acid (1 molar to 6 molar)		Infrequent use	yes	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Phosphorus - Red	Phosphorus	Not sold	yes	Not Sold
Phosphorus - White	Phosphorus	Not sold to schools	Not Sold	Not Sold
Phosphorus - Yellow	Phosphorus	Not sold	yes	Not Sold
Phosphorus Pentasulfide		Not sold to schools	Not Sold	Not Sold
Phosphorus Pentoxide		Rarely used	yes	Not Sold
Phosphorus Trichloride		Rarely used	Not Sold	Not Sold
Phthalic Anhydride		Rarely used	yes	Not Sold
Physostigmine		Not sold to schools	Not Sold	Not Sold
Picric Acid		Rarely used	yes	Not Sold
Polyethylene Glycol		Not sold	yes	yes
Polyurethane Foam - Part A		Infrequent use	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Polyurethane Foam – Part B		Infrequent use	Not Sold	Not Sold
Polyvinyl Alcohol		Infrequent use	yes	yes
Potassium - 0.5 gram Chips		Rarely used	Not Sold	Not Sold
Potassium - Chunks		Not sold	yes	yes
Potassium Acetate		Rarely used	yes	yes
Potassium Bicarbonate		Rarely used	Not Sold	yes
Potassium Binoxalate		Rarely used	Not Sold	yes
Potassium Bisulfate		Infrequent use	yes	yes
Potassium Bitartrate		Infrequent use	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Potassium Bromate		Rarely used	yes	yes
Potassium Bromide		Infrequent use	yes	yes
Potassium Carbonate - Anhydrous	Potash	Frequent use	yes	yes
Potassium Carbonate - Sesquahydrate		Frequent use	yes	yes
Potassium Chlorate		Infrequent use	yes	yes
Potassium Chloride	Salt Substitute	Very commonly used	yes	yes
Potassium Chromate		Frequent use	Not Sold	yes
Potassium Citrate		Rarely used	yes	yes
Potassium Cyanide		Rarely used	yes	Not Sold
Potassium Dichromate		Frequent use	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Potassium Ferricyanide		Very commonly used	Not Sold	yes
Potassium Ferrocyanide		Infrequent use	yes	yes
Potassium Fluoride		Rarely used	yes	yes
Potassium Hydrogen Phthalate		Infrequent use	Not Sold	Not Sold
Potassium Hydroxide - Solid	Lye	Frequent use	yes	yes
Potassium Hydroxide (<1 molar)		Infrequent use	Not Sold	yes
Potassium Hydroxide (>6 molar)		Very commonly used	Not Sold	Not Sold
Potassium Hydroxide (1 molar to 6 molar)		Frequent use	yes	yes
Potassium Iodate		Frequent use	yes	yes
Potassium Iodide		Very commonly used	yes	yes
Potassium Nitrate		Very commonly used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Potassium Nitrite		Rarely used	yes	yes
Potassium Oxalate		Rarely used	Not Sold	yes
Potassium Perchlorate		Not sold	yes	Not Sold
Potassium Periodate		Rarely used	Not Sold	Not Sold
Potassium Permanganate		Frequent use	yes	yes
Potassium Peroxide		Not sold to schools	Not Sold	Not Sold
Potassium Persulfate		Rarely used	Not Sold	yes
Potassium Phosphate - Dibasic		Infrequent use	Not Sold	yes
Potassium Phosphate - Monobasic		Infrequent use	yes	yes
Potassium Phosphate - Tribasic		Rarely used	yes	yes
Potassium Sodium Tartrate		Rarely used	yes	yes
Potassium Sulfate		Frequent use	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Potassium Sulfide		Not sold to schools	Not Sold	Not Sold
Potassium Tartrate		Not sold	yes	Not Sold
Potassium Thiocyanate		Very commonly used	yes	yes
Praseodymium Chloride		Rarely used	Not Sold	Not Sold
Propane		Infrequent use	Not Sold	Not Sold
Propanol	Propyl Alcohol	Rarely used	Not Sold	yes
Propiolactone, b-		Not sold to schools	Not Sold	Not Sold
Propionic Acid		Rarely used	yes	yes
Propylene Glycol		Rarely used	yes	yes
Pyridine		Rarely used	yes	Not Sold
Pyrogallol	Pyrogallic acid	Rarely used	yes	Not Sold
Quinine Sulfate	Quinine Sulphate	Infrequent use	yes	yes
Resazurin		Rarely used	yes	Not Sold
Resorcinol	3-Hydroxyphenol	Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Rhodamine B		Rarely used	yes	Not Sold
Ringer's Solution	Ringer's Saline Solution	Rarely used	yes	yes
Rose Bengal		Rarely used	yes	Not Sold
Safranin O		Infrequent use	yes	yes
Safranin Staining Solution		Infrequent use	yes	yes
Salicylic Acid		Very commonly used	yes	yes
Schiff Reagent		Rarely used	yes	yes
Sebacoyl Chloride		Infrequent use	yes	yes
Sebacoyl Chloride/Hexane Solution	Sebacoyl in Hexane	Infrequent use	Not Sold	Not Sold
Selenium - Metal Lump		Not sold to schools	Not Sold	Not Sold
Selenium - Powder		Not sold to schools	Not Sold	Not Sold
Silica Gel		Rarely used	yes	yes



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Silicon		Infrequent use	Not Sold	yes
Silicon Oil	Dimethyl Polysiloxane	Infrequent use	Not Sold	Not Sold
Silicon Tetrafluoride		Not sold to schools	Not Sold	Not Sold
Silver - Metal Lump		Infrequent use	Not Sold	yes
Silver Acetate		Rarely used	yes	yes
Silver Chloride		Infrequent use	Not Sold	yes
Silver Cyanide		Not sold to schools	Not Sold	Not Sold
Silver Nitrate		Very commonly used	Not Sold	Not Sold
Silver Oxide	Silver Peroxide	Infrequent use	Not Sold	Not Sold
Silver Sulfate	Silver (I) Sulfate	Rarely used	Not Sold	Not Sold
Soda Lime	Calcium Oxide + Sodium Hydroxide	Infrequent use	yes	yes
Sodium - 0.5 Gram Pieces	Sodium	Infrequent use	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sodium - Chunks	Sodium	Infrequent use	yes	yes
Sodium Acetate - Anhydrous		Frequent use	yes	yes
Sodium Acetate - Hydrate		Frequent use	yes	yes
Sodium Alginate		Rarely used	yes	Not Sold
Sodium Arsenate		Rarely used	yes	Not Sold
Sodium Arsenite		Rarely used	Not Sold	Not Sold
Sodium Azide		Rarely used	yes	Not Sold
Sodium Benzoate		Rarely used	yes	yes
Sodium Bicarbonate	Baking Soda	Very commonly used	yes	yes
Sodium Bifluoride		Not sold to schools	Not Sold	Not Sold
Sodium Bismuthate		Rarely used	Not Sold	Not Sold
Sodium Bisulfate - Anhydrous	Sodium Bisulfate	Not sold to schools	Not Sold	yes
Sodium Bisulfate - Monohydrate	Sodium Bisulfate	Infrequent use	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sodium Bisulfite	Sodium Bisulphite	Rarely used	yes	yes
Sodium Borate	Sodium Tetraborate	Infrequent use	yes	yes
Sodium Borohydride		Not sold to schools	Not Sold	Not Sold
Sodium Bromate		Rarely used	Not Sold	yes
Sodium Bromide		Frequent use	yes	yes
Sodium Carbonate		Very commonly used	yes	yes
Sodium Chlorate		Rarely used	yes	yes
Sodium Chloride		Very commonly used	yes	yes
Sodium Chromate - Anhydrous		Infrequent use	Not Sold	yes
Sodium Chromate - Tetrahydrate		Infrequent use	yes	yes
Sodium Citrate		Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Sodium Cobaltinitrite		Rarely used	Not Sold	Not Sold
Sodium Cyanide		Rarely used	yes	Not Sold
Sodium Deoxycholate		Rarely used	Not Sold	Not Sold
Sodium Dichloroindophenol		Not sold to schools	Not Sold	Not Sold
Sodium Dichromate - Anhydrous	Dichromic Acid	Rarely used	Not Sold	Not Sold
Sodium Dichromate - Dihydrate		Rarely used	yes	yes
Sodium Diphenylamine Sulfonate		Rarely used	Not Sold	Not Sold
Sodium Dithionite	Sodium Hydrosulphite	Rarely used	yes	Not Sold
Sodium Ferricyanide		Not sold to schools	Not Sold	Not Sold
Sodium Ferrocyanide		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Sodium Fluoride		Infrequent use	yes	yes
Sodium Fluoroacetate		Not sold to schools	Not Sold	Not Sold
Sodium Hexametaphosphate	Sodium Polyphosphate	Infrequent use	Not Sold	Not Sold
Sodium Hydroxide - Solid	Sodium Hydroxide	Very commonly used	yes	yes
Sodium Hydroxide - solution (<1 molar)		Very commonly used	yes	yes
Sodium Hydroxide - solution (>6 molar )		Very commonly used	yes	yes
Sodium Hydroxide - solution (1 M to 6 M)		Very commonly used	yes	yes
Sodium Hypochlorite - Solution (<6%)	Clorox Bleach	Infrequent use	Not Sold	yes
Sodium Hypochlorite - Solution (>6%)		Infrequent use	Not Sold	Not Sold
Sodium Iodate		Rarely used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sodium Iodide		Very commonly used	yes	yes
Sodium Lactate		Not sold to schools	Not Sold	Not Sold
Sodium Lauryl Sulfate	Dodecyl Sulfate - Sodium Salt	Rarely used	yes	yes
Sodium Metabisulfite		Rarely used	yes	Not Sold
Sodium Metasilicate	Sodium Meta-Silicate	Rarely used	yes	yes
Sodium Molybdate - Anhydrous		Rarely used	Not Sold	Not Sold
Sodium Molybdate - Dihydrate		Rarely used	yes	yes
Sodium Nitrate		Very commonly used	yes	yes
Sodium Nitrite		Rarely used	yes	yes
Sodium Nitroferricyanide	Sodium Nitroprusside	Rarely used	yes	Not Sold
Sodium Oleate		Rarely used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sodium Oxalate		Frequent use	yes	yes
Sodium Perborate		Rarely used	Not Sold	Not Sold
Sodium Perchlorate		Not sold to schools	Not Sold	Not Sold
Sodium Peroxide	Sodium Dioxide	Rarely used	yes	Not Sold
Sodium Phosphate - Dibasic - Anhydrous		Infrequent use	yes	yes
Sodium Phosphate - Dibasic - Heptahydrate		Infrequent use	yes	yes
Sodium Phosphate - Monobasic		Infrequent use	yes	yes
Sodium Phosphate - Tribasic	Trisodium Phosphate	Very commonly used	yes	yes
Sodium Polyacrylate		Infrequent use	Not Sold	yes
Sodium Rhodizonate		Rarely used	Not Sold	Not Sold
Sodium Salicylate		Rarely used	Not Sold	Not Sold
Sodium Silicate		Infrequent use	Not Sold	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sodium Sulfamate		Rarely used	Not Sold	Not Sold
Sodium Sulfate	Sodium Sulphate - Decahydrate	Infrequent use	yes	yes
Sodium Sulfide	Sodium Sulphide - Nonahydrate	Rarely used	yes	yes
Sodium Sulfite	Sodium Sulphite - Anhydrous	Infrequent use	yes	yes
Sodium Tartrate Anhydrous		Rarely used	Not Sold	Not Sold
Sodium Tartrate Dihydrate	L - Tartaric Acid	Rarely used	Not Sold	Not Sold
Sodium Thiocyanate		Infrequent use	yes	yes
Sodium Thiosulfate - Anhydrous	Sodium Thiosulfate	Infrequent use	yes	yes
Sodium Thiosulfate - Pentahydrate	Sodium Thiosulfate	Very commonly used	yes	yes
Sodium Tungstate		Rarely used	Not Sold	Not Sold
Stannic Chloride	Tin (IV) Chloride	Rarely used	yes	yes
Stannous Chloride	Tin (II) Chloride	Infrequent use	yes	yes
Starch		Infrequent use	yes	yes



<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Stearic Acid - Laboratory Grade	Stearic Acid - Laboratory Grade	Rarely used	Not Sold	yes
Stearic Acid - Reagent Grade	Stearic Acid - Reagent Grade	Rarely used	yes	Not Sold
Streptomycin Sulfate		Rarely used	yes	Not Sold
Strontium		Not sold to schools	Not Sold	Not Sold
Strontium Bromide		Rarely used	Not Sold	Not Sold
Strontium Carbonate		Not sold	Not Sold	yes
Strontium Chloride		Infrequent use	yes	yes
Strontium Hydroxide Octahydrate		Infrequent use	Not Sold	Not Sold
Strontium Hydroxide Solution		Infrequent use	Not Sold	Not Sold
Strontium Nitrate		Very commonly used	yes	yes
Strychnine		Not sold to schools	Not Sold	Not Sold
Styrene		Rarely used	Not Sold	Not Sold
Succinic Acid		Rarely used	yes	Not Sold
Sucrose		Very commonly used	yes	yes

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Sudan III		Infrequent use	yes	yes
Sudan III Solution		Rarely used	Not Sold	yes
Sudan IV		Rarely used	yes	yes
Sudan IV Solution		Rarely used	yes	yes
Sudan Yellow		Not sold to schools	Not Sold	Not Sold
Sulfamic Acid		Rarely used	yes	yes
Sulfanilamide		Rarely used	Not Sold	Not Sold
Sulfanilic Acid		Rarely used	yes	yes
Sulfosalicylic Acid		Rarely used	yes	Not Sold
Sulfur - Precipitated	Sulfur	Very commonly used	yes	yes
Sulfur Dioxide		Not sold to schools	Not Sold	Not Sold
Sulfur Hexafluoride		Rarely used	Not Sold	Not Sold
Sulfurated Potash	Sulfurated Potassa	Rarely used	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Sulfuric Acid (<1 molar)		Very commonly used	yes	yes
Sulfuric Acid (>6 molar)		Very commonly used	yes	yes
Sulfuric Acid (1 molar to 6 molar)		Very commonly used	yes	yes
Talc		Rarely used	Not Sold	yes
Tannic Acid		Infrequent use	yes	yes
Tartaric Acid		Rarely used	yes	yes
Tert-Butanol	tert-Butanol	Rarely used	Not Sold	yes
Testosterone		Not sold to schools	Not Sold	Not Sold
Testosterone Propionate		Not sold to schools	Not Sold	Not Sold
Tetrabromoethane		Not sold to schools	Not Sold	Not Sold
Tetracycline Hydrochloride		Not sold to schools	Not Sold	Not Sold
Tetrafluoroethylene		Not sold to schools	Not Sold	Not Sold
Tetrahydrofuran		Rarely used	yes	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Tetramethyl-p-phenylenediamine Dihydrochloride		Rarely used	Not Sold	Not Sold
Thallium		Not sold to schools	Not Sold	Not Sold
Thermit		Infrequent use	Not Sold	yes
Thermit Igniting Sticks		Infrequent use	Not Sold	yes
Thiamine Hydrochloride		Not sold	yes	yes
Thimerosal	Merthiolate	Not sold to schools	Not Sold	Not Sold
Thioacetamide		Rarely used	yes	yes
Thionin		Rarely used	yes	Not Sold
Thionyl Chloride		Not sold to schools	Not Sold	Not Sold
Thiourea	2-Thiourea	Rarely used	yes	yes

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Thorium Nitrate		Not sold to schools	Not Sold	Not Sold
Thymol		Rarely used	yes	Not Sold
Thymol Blue		Infrequent use	yes	yes
Thymolphthalein		Rarely used	Not Sold	yes
Thymolphthalein Solution		Rarely used	Not Sold	yes
Thyroxine		Not sold	Not Sold	yes
Tin - Metal Lump		Infrequent use	yes	yes
Tin - Powder		Not sold to schools	Not Sold	Not Sold
Tin Oxide	Tin (IV) Oxide	Rarely used	Not Sold	yes
Titanium Dioxide		Rarely used	Not Sold	Not Sold
Titanium Tetrachloride		Not sold to schools	Not Sold	Not Sold
Titanium Trichloride		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Tollen's Reagent		Not sold to schools	Not Sold	Not Sold
Toluene	Methylbenzene	Infrequent use	yes	yes
Toluidine Blue O		Rarely used	yes	yes
Toluidine, o-		Not sold to schools	Not Sold	Not Sold
Tricaine Methanesulfonate		Rarely used	Not Sold	Not Sold
Trichloroacetic Acid	TCA	Infrequent use	yes	yes
Trichloroethane	TCA	Not sold to schools	Not Sold	Not Sold
Trichloroethylene		Rarely used	yes	yes
Trichlorotrifluoroethane	Freon 113	Not sold to schools	Not Sold	Not Sold
Triethanolamine		Rarely used	yes	yes
Triethyl Phosphate		Not sold to schools	Not Sold	Not Sold

Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Triethylamine		Not sold to schools	Not Sold	Not Sold
Trimethylamine		Not sold to schools	Not Sold	Not Sold
Trinitrobenzene		Not sold to schools	Not Sold	Not Sold
Trinitrotoluene	2,4,6-Trinitrotoluene	Not sold to schools	Not Sold	Not Sold
Triphenyl Tetrazolium Chloride	Tetrazolium Red	Rarely used	yes	Not Sold
Tris-Hydroxymethyl Aminomethane		Rarely used	yes	yes
Triton X-100		Not sold	yes	Not Sold
Turpentine		Rarely used	Not Sold	yes
Tyrosine		Infrequent use	Not Sold	Not Sold
Universal Indicator		Very commonly used	yes	yes
Uranium		Not sold to schools	Not Sold	Not Sold
Uranyl Acetate		Not sold to schools	Not Sold	Not Sold
Uranyl Nitrate		Rarely used	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Urea		Infrequent use	yes	yes
Urease		Rarely used	yes	yes
Urethane	Ethyl Urethane	Rarely used	Not Sold	Not Sold
Vanadium Pentoxide		Not sold to schools	Not Sold	Not Sold
Vegetable Oil		Very commonly used. Household commodity	Not Sold	Not Sold
Vinyl Chloride		Not sold to schools	Not Sold	Not Sold
Vinyl Ether		Not sold to schools	Not Sold	Not Sold
Winkler's Solution #1	Manganese Sulfate Solution	Rarely used	Not Sold	yes
Winkler's Solution #2	Winkler Alkaline Iodide Reagent	Rarely used	Not Sold	yes
Wood's Metal		Rarely used	yes	yes
Wright's Stain		Infrequent use	yes	yes
Wright's Stain Solution		Infrequent use	yes	yes
Xylene	Xylol	Rarely used	yes	yes
Xylose		Rarely used	yes	Not Sold



Chemical Name	Synonym 2	Flinn Scientific Sales to Schools	Carolina Biological Supply Sales to Schools	Sargent Welch Sales to Schools
Yttrium Oxide		Rarely used	Not Sold	Not Sold
Zenker's Fixative		Not sold	yes	Not Sold
Zeolite		Rarely used	Not Sold	yes
Zinc - Metal Lump	Zinc	Infrequent use	yes	yes
Zinc - Powder		Infrequent use	Not Sold	yes
Zinc Acetate		Infrequent use	yes	yes
Zinc Carbonate		Not sold	yes	yes
Zinc Carbonate - Basic		Rarely used	Not Sold	Not Sold
Zinc Chloride		Infrequent use	yes	yes
Zinc Nitrate - Anhydrous		Not sold to schools	Not Sold	Not Sold
Zinc Nitrate - Hexahydrate		Very commonly used	yes	yes
Zinc Oxide		Rarely used	Not Sold	yes
Zinc Stearate		Not sold to schools	Not Sold	Not Sold

<b>Chemical Name</b>	<b>Synonym 2</b>	<b>Flinn Scientific Sales to Schools</b>	<b>Carolina Biological Supply Sales to Schools</b>	<b>Sargent Welch Sales to Schools</b>
Zinc Sulfate - 7-Hydrate	Zinc Sulfate	Infrequent use	Not Sold	yes
Zinc Sulfate - Anhydrous	Zinc Sulfate	Infrequent use	Not Sold	Not Sold
Zinc Sulfate - Monohydrate	Zinc Sulfate	Infrequent use	Not Sold	yes
Zinc Sulfide		Rarely used	Not Sold	yes
Zirconium Tetranitrate	Zirconium Nitrate	Not sold to schools	Not Sold	Not Sold

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Abscisic Acid			NO	
Acetal				
Acetaldehyde		D	YES	3540 mg/kg = D
Acetamide		D	NO	
Acetanilide		D		
Acetic Acid (<1 Molar)			NO	
Acetic Acid (>6 Molar)		D	NO	
Acetic Acid (1 Molar to 6 Molar)		C	YES	1060 mg/kg = C
Acetic Anhydride		D	YES	4000 mg/kg
Aceto Carmine				
Acetone		D		
Acetonitrile		C		
Aceto-Orcein Solution				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Acetyl Chloride		D		
Acetylcholine Bromide		no data		
Acetylcholine Bromide Solution		no data		
Acetylcholine Chloride		D		
Acetylcholine Chloride Solution		D		
Acetylene				
Acetylsalicylic Acid		C	NO	
Acridine Orange			NO	
Acrolein				
Acrylamide		C		
Acrylic Acid		B	YES	280 mg/kg = C
Acrylonitrile		B	YES	63 mg/kg = B

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Adenine		C	NO	
Adenosine Triphosphate				
Adipic Acid				
Adipoyl Chloride				
Adipoyl Chloride - Hexane Solution				
Adrenaline				
Adrenaline Chloride Solution				
Agar			NO	
Agarose				
Aitch-tu-ess Cartridges				
Alanine, DL-			NO	
Alanine, L-			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Albumin				
Alconox				
Alizarin				
Alizarin Red S			NO	
Alizarin Yellow R			NO	
Alkaline Iodide Azide				
Alkaline Potassium Iodide				
Allyl Chloride				
Aluminon			NO	
Aluminum - Metal Lump		ND	NO	
Aluminum - Powder		ND	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Aluminum Ammonium Sulfate			NO	
Aluminum Chloride - Anhydrous		D		
Aluminum Chloride - Hexahydrate		D		
Aluminum Hydroxide				
Aluminum Nitrate - Anhydrous				
Aluminum Nitrate - Nonahydrate		D		
Aluminum Oxide			NO	
Aluminum Potassium Sulfate			NO	
Aluminum Sodium Sulfate			NO	
Aluminum Sulfate - 18 hydrate			NO	
Aluminum Sulfate - Anhydrous			NO	
Aminodiphenyl, 4-				
Ammonium Acetate				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ammonium Bicarbonate			NO	
Ammonium Bifluoride		ND		
Ammonium Bromide		D	NO	
Ammonium Carbonate			NO	
Ammonium Chloride		D		
Ammonium Chromate				
Ammonium Citrate			NO	
Ammonium Dichromate		ND		
Ammonium Fluoride		ND	JT Baker	
Ammonium Hydroxide (<1 Molar)		C		
Ammonium Hydroxide (>6 Molar)		C		
Ammonium Hydroxide (1 Molar to 6 Molar)		C		
Ammonium Iodide			NO	



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ammonium Metavanadate		C		
Ammonium Molybdate				
Ammonium Nitrate		D		
Ammonium Nitrite				
Ammonium Oxalate - Anhydrous				
Ammonium Oxalate - Monohydrate				
Ammonium Perchlorate		D		
Ammonium Persulfate		D		
Ammonium Phosphate - Dibasic				
Ammonium Phosphate - Monobasic				
Ammonium Polysulfide		C	YES	1790 mg/kg = C
Ammonium Sulfate		D		
Ammonium Sulfide		C		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ammonium Tartrate		ND	NO	
Ammonium Thiocyanate		D		
Amyl Acetate		NC	NO	
Amylase				
Anasol				
Anhydrous Ammonia		B		
Aniline		C	YES	820 mg/kg = C
Aniline Acetate				
Aniline Blue				
Aniline Hydrochloride		D		
Anthracene				
Anthranilic Acid			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Antimony - Metal Lump				
Antimony - Powder				
Antimony Potassium Tartrate		C	NO	
Antimony Trichloride		D		
Arabinose				
Arginine				
Arsenic - Metal Lump				
Arsenic - Powder				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Arsenic Trioxide		B		
Arsine				
Asbestos				
Ascarite		NC		
Ascorbic Acid			NO	
Asparagine				
Aspartic Acid				
Barfoed Reagent		D		
Barium - Metal Lump				
Barium - Powder				
Barium Acetate		D		
Barium Carbonate		C		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Barium Chloride				
Barium Chromate		ND		
Barium Hydroxide			JT Baker	
Barium Nitrate			NO	
Barium Peroxide		ND		
Barium Sulfate		ND		
Benedict's Reagent		C	NO	
Benzaldehyde		D		
Benzene		D		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Benzidine		C		
Benzoic Acid				
Benzoin				
Benzonitrile		C	YES	1250 mg/kg = C
Benzophenone		D	YES	3535 mg/kg = D
Benzoyl Chloride		D		
Benzoyl Peroxide		NC		
Benzyl Alcohol		C	YES	200 mg/kg = C
Benzylaminopurine		C		
Beryllium - Metal Lump		ND		
Beryllium - Powder		ND		
Beryllium Hydroxide				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Beryllium Oxide				
Beryllium Sulfate				
Bile Salts				
Bismarck Brown Y				
Bismuth - Metal Lump		D		
Bismuth - Powder		D		
Bismuth Nitrate		D		
Bismuth Subnitrate		D		
Bismuth Trichloride		D		
Biuret				
Biuret Reagent				
Boric Acid		D	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Boron Trichloride				
Bouin's Fixative				
Brilliant Cresyl Blue	81029-05-2			
Brilliant Green				
Bromine		C		
Bromine Water		D		
Bromobenzene		D		
Bromobutane		D		
Bromocresol Green		ND		
Bromocresol Purple		ND		
Bromoform		D		
Bromphenol Blue		ND		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Bromthymol Blue		ND		
Butadiene				
Butanol, 1-		D	YES	3400 mg/kg = D
Butanol, 2-		D		
Butoxyethanol		C	YES	220 mg/kg = C
Butyl Acetate		NC		
Butyl Stearate		NC		
Butylated Hydroxytoluene		D		
Butyraldehyde				
Butyric Acid		C	YES	530 mg/kg = C
Cadmium - Metal Lump		C		
Cadmium - Powder		A		
Cadmium Chloride - Anhydrous		B		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Cadmium Chloride - Pentahydrate		B		
Cadmium Nitrate - Anhydrous		C		
Cadmium Nitrate - Tetrahydrate		C		
Cadmium Oxide		A		
Cadmium Sulfate - Anhydrous		C		
Cadmium Sulfate - Octahydrate		C		
Caffeine				
Calcium - Metal Lump		ND		
Calcium - Powder		ND		
Calcium Acetate			NO	
Calcium Bromide			NO	
Calcium Carbide		ND		
Calcium Carbonate			NO	
Calcium Chloride		D	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Calcium Chloride		D	NO	
Calcium Cyanide		B		
Calcium Fluoride				
Calcium Gluconate				
Calcium Hydroxide		NC		
Calcium Hypochlorite		D		
Calcium Iodide			NO	
Calcium Nitrate - Anhydrous				
Calcium Nitrate - Hydrate				
Calcium Oxide		ND		
Calcium Phosphate, Dibasic			NO	
Calcium Phosphate, Monobasic	7758-23-8		NO	
Calcium Phosphate, Tribasic	10103-46-5 and 7758-87-4		NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Calcium Sulfate - Dihydrate			NO	
Calcium Sulfate - Hemihydrate			NO	
Calcium Sulfide				
Calmagite				
Camphor		B		
Canadian Balsam			NO	
Canadian Balsam in Xylene				
Carbol Fuchsin				
Carbon		ND	NO	
Carbon Black				
Carbon Disulfide		D		
Carbon Monoxide				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Carbon Tetrachloride		D		
Carbonyl Sulfide				
Carmine				
Carnauba Wax				
Carnoy's Fixative				
Casein			NO	
Catalase				
Catechol		C	YES	800 mg/kg = C
Cedarwood Oil				
Cellulose			NO	
Cerium Ammonium Nitrate		ND		
Cesium Chloride		D	NO	
Cetyl Alcohol		D	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Charcoal		ND	NO	
Chloral Hydrate		C		
Chloretone				
Chlorine		D		
Chlorine Trifluoride				
Chlorine Water		D		
Chlorobenzene		D		
Chloroethanol		B	YES	67 mg/kg = B
Chloroform		D		
Chlorophenol		X		
Chlorophenol Red		ND		
Chlorophyllin	97659-67-1			

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Chloroprene		C		
Chloropromazine				
Chlorosulfonic Acid		C		
Cholesterol			NO	
Chromatography Solvent				
Chromic Acid				
Chromium - Metal Lump		ND	NO	
Chromium - Powder		ND		
Chromium Chloride - Anhydrous		D		
Chromium Chloride - Hydrate				
Chromium Nitrate				
Chromium Oxide		ND		
Chromium Potassium Sulfate - Anhydrous		NC		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Chromium Potassium Sulfate - Dodecahydrate				
Chromium Sulfate		ND		
Chromium Trioxide		C		
Chy-Max				
Cinnamaldehyde				
Citric Acid		D	NO	
Clayton Yellow				
Clove Oil		C	YES	1200 mg/kg = C
Cobalt - Metal Lump		NC		
Cobalt - Powder				
Cobalt Carbonate				
Cobalt Chloride - Anhydrous				
Cobalt Chloride - Hydrate		D		
Cobalt Nitrate - Anhydrous		D		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Cobalt Nitrate - Hydrate		D		
Cobalt Oxide		C		
Cobalt Sulfate		D?		
Colchicine				
Collodion		ND		
Congo Red				
Copper - Metal Lump				
Copper - Powder				
Copper Acetate - Anhydrous			NO	
Copper Acetate - Hydrate			NO	
Copper Bromide		JT Baker	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Copper Carbonate		JT Baker	NO	
Copper Chloride - Anhydrous		C		
Copper Chloride - Dihydrate		C		
Copper Hydroxide				
Copper Nitrate - Anhydrous		D		
Copper Nitrate - Hemipentahydrate		D		
Copper Nitrate - Trihydrate		D		
Copper Sulfate		C	NO	
Creatine			NO	
Creatinine				
Creosote		ND		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Cresol		C	YES	200 mg/kg = C
Cresol Purple			NO	
Cresol Red				
Cresol Red, Sodium Salt				
Crystal Violet		C		
Cumene		D	YES	12000 mg/kg = D
Cupric Cyanide		B		
Cupric Oxide			NO	
Cupric Sulfide		ND		
Cuprous Acetate			NO	
Cuprous Chloride		C		
Cuprous Cyanide		B		
Cuprous Oxide			NO	
Cuprous Sulphide				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Cyanogen Bromide		ND		
Cyclohexane		C??		
Cyclohexanol		D		
Cyclohexanone		C	YES	100 mg/kg = C
Cyclohexene		ND		
Cysteine				
Decanoic Acid		ND	NO	
Denatured Alcohol				
Dextrin				
Dextrose			NO	
Diastase of Malt				
Diatomaceous Earth	61790-53-2			

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Dibromo-3-chloropropane, 1,2-				
Dibutyl Phthalate		C		
Dichlorobenzidine				
Dichloroethane		D	YES	2800 mg/kg = D
Dichloroindophenol, Sodium Salt				
Dichlorophenoxy Acetic Acid		C	YES	1400 mg/kg = C
Diethylamine		C	YES	820 mg/kg = C
Dimethyl Aniline		C	YES	1770 mg/kg = C
Dimethyl Sulfoxide				
Dimethylaminoazobenzene, 4-				
Dimethylglyoxime				
Dimethylglyoxime Solution				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Dinitrophenol		B		
Dinitrophenyl Hydrazine		NC		
Dioxane		D	YES	7600 mg/kg = D
Diphenylamine		D		
Dithizone				
Dodecanol				
Drierite			NO	
Duplicating Fluid		D	YES	15000 mg/kg = D
Eosin Y				
Eriochrome Black T				
Erythrosin B		D		
Estrone				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ethanol		NC		
Ethanolamine				
Ethidium Bromide			NO	
Ethoxyethanol		Sax Data shows tox-D not A	YES	3300 mg/kg =D
Ethyl Acetate		D		
Ethyl Chloride		D		
Ethyl Ether		D		
Ethyl Iodide		D		
Ethyl Nitrate				
Ethylene Glycol		D	NO	
Ethylene Oxide		C		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ethylenediamine		C	YES	730 mg/kg = C
Ethylenediamine Tetraacetic Acid			NO	
Ethyleneimine		A		
FAA Solution				
Fast Green		D??		
Fehling's Solution A				
Fehling's Solution B				
Ferric Ammonium Citrate			NO	
Ferric Ammonium Sulfate			NO	
Ferric Oxide	1317-61-9		NO	
Ferric Sulfate			NO	



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Ferroun Solution				
Ferrous Oxide			NO	
Ferrous Sulfate, Anhydrous			NO	
Ferrous Sulfate, Heptahydrate			NO	
Fluorescein				
Formaldehyde		C	YES	270 mg/kg = C
Formalin		C		
Formalternate				
Formamide		D	YES	17000 mg/kg = D
Formic Acid		C		
Fructose			NO	
Fuchsin Acid			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Fuchsin Basic		ND	NO	
Fuller's Earth			NO	
Fumaric Acid			NO	
Furfural		C		
Galactose			NO	
Gallium - Metal Lump				
Gastric Juice				
Gelatin			NO	
Gibberellic Acid		D	YES	2000 mg/kg = D
Giemsa Stain				
Giemsa Stain Solution		NC		
Gilson's Fixative				
Glucose			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Glutaraldehyde (<6%)		B	YES	560 mg/kg = C
Glutaraldehyde (>6%)				
Glutathione			NO	
Glycerin		D		
Glycine			NO	
Glycogen			NO	
Glyoxal		D	YES	10000 mg/kg = D
Glyoxal Solution		D		
Gram's Iodine Stain			NO	
Graphite			NO	
Guaiacol				
Guar Gum				
Gum Arabic			NO	
Gum Rosin		ND-can't use bogus Russian LD50 data to designate as Tox A		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Gunpowder			NO	
Hayem Diluting Fluid				
Helium			NO	
Hematoxylin				
Heptane		D		
Hexachlorophene				
Hexamethylenediamine		C	YES	1110 mg/kg = C
Hexamethylenediamine - Sodium Hydroxide Solution		D?		
Hexane		C		
Hexane/Acetone Aerosol Sprays				
Hexanol		D	YES	3100 mg/kg = D

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Hydrazine		B	YES	91 mg/kg = B
Hydrazine Sulfate		D		
Hydriodic Acid		Per Sax description		
Hydrobromic Acid		C		
Hydrochloric Acid (<1 molar)		C	NO	
Hydrochloric Acid (>6 molar)		C		
Hydrochloric Acid (1 molar to 6 molar )		C		
Hydrofluoric Acid		ND		
Hydrogen			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Hydrogen Bromide				
Hydrogen Chloride				
Hydrogen Peroxide ( <4%)		D	NO	
Hydrogen Peroxide ( 20% to 30% )		C		
Hydrogen Peroxide ( 4% to 20% )		B		
Hydrogen Peroxide (>31% )		C		
Hydrogen Sulfide Gas		B		
Hydrogen Sulfide Water		B		
Hydroquinone		C		
Hydroxy Naphthol Blue			NO	
Hydroxylamine Hydrochloride		JT Baker		
Immersion Oil			NO	
Immersion Oil - Containing PCBs			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Indigo Carmine		D??	NO	
Indigo Dye			NO	
Indole-3-Acetic Acid			NO	
Indole-3-Butyric Acid				
Invertase			NO	
Iodine			NO	
Iodine Potassium Iodide Solution			NO	
Iodine Tincture			NO	
Iron - Metal Lump		NC	NO	
Iron - Powder		NC	NO	
Iron Chloride		C	NO	
Iron Nitrate - 9 Hydrate				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Iron Nitrate - Anhydrous			NO	
Iron Sulfide		ND		
Isobutanol		C	YES	3400 mg/kg = D
Isopropanol		D	YES	12800 mg/kg = D
Isopropyl Ether		D	YES	20000 mg/kg = D
Isovaleric Acid		C		
Janus Green B			NO	
Kaolin			NO	
Kerosene		D?		
Kinetin				
Kleermount in Xylene		D		
Knop's Solution				
Lactic Acid				



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Lactose			NO	
Lanolin			NO	
Lanthanum Nitrate - Anhydrous				
Lanthanum Nitrate - Hexahydrate				
Latex				
Lauric Acid		NC	NO	
Lauroyl Peroxide		ND		
Lead - Metal Lump		ND		
Lead - Powder		ND		
Lead Acetate - Dibasic		ND		
Lead Acetate - Monobasic				
Lead Arsenate				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Lead Bromide				
Lead Carbonate		ND		
Lead Carbonate - Basic				
Lead Chloride		ND		
Lead Chromate		NC		
Lead Diiodide		ND		
Lead Dioxide		ND		
Lead Iodide				
Lead Monooxide		ND		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Lead Nitrate				
Lead Oxide		ND		
Lead Sulfate		ND		
Lead Sulfide				
Lead Tetroxide		ND		
Levulose			NO	
Limewater		NC	NO	
Linseed Oil				
Lipase				
Lithium - Metal Lump		NC		
Lithium - Powder		NC		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Lithium Aluminum Hydride		NC		
Lithium Carbonate		D	NO	
Lithium Chloride		D	NO	
Lithium Fluoride		C??		
Lithium Hydroxide - Anhydrous		B		
Lithium Hydroxide - Monohydrate				
Lithium Nitrate		ND		
Lithium Sulfate - Anhydrous			NO	
Lithium Sulfate - Hydrate			NO	
Litmus			NO	
Lugol's Iodine				
Lull-A-Fly				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Luminol			NO	
Lycopodium			NO	
Lysine HCl				
Lysozyme				
Magnesium - Metal Lump		ND	NO	
Magnesium - Powder		ND		
Magnesium Acetate			NO	
Magnesium Bromide - Anhydrous			NO	
Magnesium Bromide - Hexahydrate			NO	
Magnesium Carbonate - Anhydrous			NO	
Magnesium Carbonate - Hydrate			NO	
Magnesium Chloride - Anhydrous		D	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Magnesium Chloride - Hexahydrate			NO	
Magnesium Hydroxide			NO	
Magnesium Nitrate - Anhydrous			NO	
Magnesium Nitrate - Hexahydrate		ND	NO	
Magnesium Oxide			NO	
Magnesium Perchlorate		ND		
Magnesium Sulfate			NO	
Malachite Green				
Maleic Acid		C	YES	1560 mg/kg = C
Malonic Acid		D		
Maltose, D- - Anhydrous			NO	
Maltose, D- - Monohydrate			NO	
Manganese - Metal Lump		NC		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Manganese - Powder		NC		
Manganese (II) Chloride - Anhydrous		C		
Manganese (II) Chloride Tetrahydrate				
Manganese (II) Nitrate - Anhydrous				
Manganese (II) Nitrate - Tetrahydrate				
Manganese (II) Sulfate - Anhydrous				
Manganese (II) Sulfate - Monohydrate				
Manganese Carbonate				
Manganese Peroxide				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Mannitol			NO	
Menthol		D		
Mercaptoethanol		B	YES	150 mg/kg = B
Mercuric Bichloride				
Mercuric Chloride		A		
Mercuric Iodide		B		
Mercuric Nitrate monohydrate				
Mercuric Sulfate				
Mercurochrome		ND		
Mercurous Chloride		C		
Mercurous Nitrate		C		
Mercurous Nitrate (mercury (I) nitrate)		B		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Mercurous Sulfate				
Mercury - Elemental		B??		
Mercury Oxide	21908-53-2 or 15829-53-5	B		
Mercury Sulfide		ND		
Mercury Thermometers		B		
Methanol		D	YES	15800 mg/kg = D
Methionine				
Methoxyethanol		C	YES	1280 mg/kg = C
Methyl Blue				
Methyl Bromide				
Methyl Cellulose			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Methyl Ethyl Ketone		D	YES	6480 mg/kg = D
Methyl Green			NO	
Methyl Iodide		B		
Methyl Isobutyl Ketone		D		
Methyl Isocyanate		C	YES	220 mg/kg = C
Methyl Isopropyl Ketone		C	YES	6350 mg/kg = D
Methyl Mercaptan				
Methyl Methacrylate		C??		
Methyl Orange				
Methyl Paraben		D??		
Methyl Red			NO	
Methyl Red - Sodium Salt				
Methyl Salicylate		D		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Methyl Tert-Butyl Ether		D		
Methyl Violet		C		
Methylamine		B		
Methylchloromethyl Ether				
Methylene Blue		D		
Methylene Chloride		D		
Millon's Reagent				
Mineral Oil			NO	
Molisch Reagent				
Molybdenum - Metal Lump				
Molybdenum - Powder				
Molybdenum Oxide				
Molybdenum Trioxide				
Monosodium Glutamate			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Murexide				
Muriatic Acid		C		
Naphthalene		C		
Naphthalene Acetic Acid		D		
Naphthol, 1-		C	YES	880 mg/kg = C
Naphthol, 2-				
Naphthol-6-Sulfonic Acid - Sodium Salt				
Naphthylamine		ND		
Naphthylethylenediamine Dihydrochloride				
Neodymium Chloride				
Nessler's Reagent				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Neutral Red				
Niacin			NO	
Nickel - Metal Lump		ND	NO	
Nickel - Powder		ND		
Nickel Acetate		C		
Nickel Ammonium Sulfate	25749-08-0 and 7785-20-8		NO	
Nickel Chloride - Anhydrous		D		
Nickel Chloride - Hexahydrate				
Nickel Monoxide	11099-02-8			
Nickel Nitrate - Anhydrous		D		
Nickel Nitrate - Hexahydrate				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Nickel Sulfate - Anhydrous		C		
Nickel Sulfate - Hexahydrate				
Nickel Trioxide				
Nicotine		B		
Nigrosin				
Ninhydrin		C		
Nitric Acid (<1 molar)				
Nitric Acid (>6 molar)		D		
Nitric Acid (1 molar to 6 molar)		D		
Nitrilotriacetic Acid		D		
Nitroacetanilide				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Nitrobenzaldehyde				
Nitrobenzene		D		
Nitrocellulose				
Nitrogen			NO	
Nitrogen Triiodide				
Nitroglycerin		C		
Nitrophenol, 3-		C		
Nitrophenol, 4-		C		
Nitrophenylazo Resorcinol				
Nitrosodimethylamine, N-				
Octadecanol				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Octanol, 1-		C		
Octanol, 2-				
Octyl Phenol		C	YES	1880 mg/kg = C
Oleic Acid			NO	
Onion's Fusible Alloy			NO	
Orange G				
Orange IV				
Orcein				
Orcinol		D		
Ortho-dichlorobenzene		C		
Osmium Tetroxide		B		
Oxalic Acid - Anhydrous		C		
Oxalic Acid - Dihydrate				



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Oxygen		NC	NO	
Palmitic Acid			NO	
Pancreatin			NO	
Papain				
Para-dichlorobenzene		D		
Paraffin			NO	
Paraformaldehyde		B		
Paraldehyde		D	YES	14100 mg/kg = D
Paris Green		B by sax		
Penicillin G Sodium				
Pentachlorophenol		B		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Pentane		D		
Pentanol, 1-		D	YES	2030 mg/kg = D
Pentanol, 2-		D	YES	3970 mg/kg = D
Peppermint Oil				
Pepsin			NO	
Peptone				
Perchloric Acid		D		
Perchloroethylene		C		
Permunt		D by fischer		
Petrolatum				
Petroleum Ether		NC		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
pH 10 Buffer - Ammonium Hydroxide				
pH 10 Buffer - Borate			NO	
pH 10 Buffer - Clear			NO	
pH 4 Buffer - Acetate				
pH 4 Buffer - Biphthalate			NO	
pH 7 Buffer - Phosphate			NO	
pH 7.4 Buffer - Tris			NO	
Phenanthroline		132/mg/kg	NO	
Phenol		C	YES	630 mg/kg = C
Phenol Red			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Phenolphthalein			NO	
Phenolphthalein - Ethanol Solution			NO	
Phenyl Salicylate			NO	
Phenylarsine Oxide - Solid				
Phenylarsine Oxide - Solution				
Phenylhydrazine Hydrochloride				
Phenylthiocarbamide		A		
Phloroglucinol		NC		
Phosphomolybdic Acid		NC		
Phosphoric Acid (<1 molar)		D	NO	
Phosphoric Acid (>6 molar)		D		
Phosphoric Acid (1 molar to 6 molar)		D		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Phosphorus - Red		A		
Phosphorus - White		A		
Phosphorus - Yellow		A		
Phosphorus Pentasulfide		C	YES	3160 mg/kg = D
Phosphorus Pentoxide		B		
Phosphorus Trichloride				
Phthalic Anhydride		C/ D by sax		
Physostigmine		ND/ A? by sax		
Picric Acid		NC/ C by sax	NO	
Polyethylene Glycol				
Polyurethane Foam - Part A				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Polyurethane Foam – Part B				
Polyvinyl Alcohol			NO	
Potassium - 0.5 gram Chips				
Potassium - Chunks				
Potassium Acetate		D	NO	
Potassium Bicarbonate			NO	
Potassium Binoxalate				
Potassium Bisulfate			NO	
Potassium Bitartrate			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Potassium Bromate		NC/ C by sax		
Potassium Bromide		D by sax	NO	
Potassium Carbonate - Anhydrous		D	NO	
Potassium Carbonate - Sesquahydrate		D by sax	NO	
Potassium Chlorate		D		
Potassium Chloride		D	NO	
Potassium Chromate		A (this data seems exaggerated)	YES	14 mg/kg = A (this data appears exaggerated)
Potassium Citrate			NO	
Potassium Cyanide		B		
Potassium Dichromate		A (this data seems exaggerated)	YES	14 mg/kg = A (this data appears exaggerated)

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Potassium Ferricyanide				
Potassium Ferrocyanide				
Potassium Fluoride		C		
Potassium Hydrogen Phthalate				
Potassium Hydroxide - Solid		C		
Potassium Hydroxide (<1 molar)		C		
Potassium Hydroxide (>6 molar)		C		
Potassium Hydroxide (1 molar to 6 molar)		C		
Potassium Iodate		ND		
Potassium Iodide		ND	NO	
Potassium Nitrate		C		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Potassium Nitrite		D/C by hvchemical.com		
Potassium Oxalate		ld hmn 15-30g jtbaker		
Potassium Perchlorate		ND		
Potassium Periodate		ND		
Potassium Permanganate		B/D by sax and jtbaker		
Potassium Peroxide				
Potassium Persulfate		NCD by sax		
Potassium Phosphate - Dibasic			NO	
Potassium Phosphate - Monobasic			NO	
Potassium Phosphate - Tribasic			NO	
Potassium Sodium Tartrate		D proscitech.com	NO	
Potassium Sulfate		Non-toxic	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Potassium Sulfide		ND		
Potassium Tartrate			NO	
Potassium Thiocyanate		D	NO	
Praseodymium Chloride				
Propane		NC		
Propanol		D	YES	5040 mg/kg = D (?)
Propiolactone, b-				
Propionic Acid		C	YES	500 mg/kg = C
Propylene Glycol			NO	
Pyridine		C	YES	1121 mg/kg = C
Pyrogallol				
Quinine Sulfate	804-63-7			
Resazurin				
Resorcinol		C	YES	3360 mg/kg = D

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Rhodamine B				
Ringer's Solution				
Rose Bengal		ND		
Safranin O		ND		
Safranin Staining Solution				
Salicylic Acid			NO	
Schiff Reagent				
Sebacoyl Chloride		ND		
Sebacoyl Chloride/Hexane Solution				
Selenium - Metal Lump		NC/nontox by jtbaker		
Selenium - Powder		NC/nontox by jtbaker		
Silica Gel			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Silicon		D		
Silicon Oil			NO	
Silicon Tetrafluoride				
Silver - Metal Lump				
Silver Acetate		ND		
Silver Chloride		ND		
Silver Cyanide		C		
Silver Nitrate		D		
Silver Oxide		ND		
Silver Sulfate		ND		
Soda Lime		NC		
Sodium - 0.5 Gram Pieces		ND		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium - Chunks		ND		
Sodium Acetate - Anhydrous		D by sax	NO	
Sodium Acetate - Hydrate		D	NO	
Sodium Alginate			NO	
Sodium Arsenate	7631-89-2			
Sodium Arsenite		B		
Sodium Azide		A	YES	20 mg/kg = B
Sodium Benzoate		D	NO	
Sodium Bicarbonate		D		
Sodium Bifluoride		sax "1 tsp. fatal"		
Sodium Bismuthate		ND/C by jtbaker		
Sodium Bisulfate - Anhydrous		D by jtbaker	NO	
Sodium Bisulfate - Monohydrate		D by jtbaker	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Bisulfite		D		
Sodium Borate	13840-56-7 and 1333-73-9 and 1330-43-4 and 12007-42-0	D		
Sodium Borohydride		A	YES	230 mg/kg = C
Sodium Bromate		NC		
Sodium Bromide		D		
Sodium Carbonate		D	NO	
Sodium Chlorate		D		
Sodium Chloride			NO	
Sodium Chromate - Anhydrous		B	YES	101 mg/kg = B
Sodium Chromate - Tetrahydrate				
Sodium Citrate			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Cobaltinitrite				
Sodium Cyanide		A	YES	10.4 mg/kg = A
Sodium Deoxycholate				
Sodium Dichloroindophenol				
Sodium Dichromate - Anhydrous		B	sax shows 50 mg/kg orl-rat = tox-c	
Sodium Dichromate - Dihydrate				
Sodium Diphenylamine Sulfonate				
Sodium Dithionite				
Sodium Ferricyanide				
Sodium Ferrocyanide		ND		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Fluoride		C		
Sodium Fluoroacetate		1	0	0
Sodium Hexametaphosphate		D		
Sodium Hydroxide - Solid		C		
Sodium Hydroxide - solution (<1 molar)		C		
Sodium Hydroxide - solution (>6 molar )		C		
Sodium Hydroxide - solution (1 M to 6 M)		C		
Sodium Hypochlorite - Solution (<6%)				
Sodium Hypochlorite - Solution (>6%)				
Sodium Iodate		ND		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Iodide		D		
Sodium Lactate			NO	
Sodium Lauryl Sulfate		D	NO	
Sodium Metabisulfite				
Sodium Metasilicate		D		
Sodium Molybdate - Anhydrous				
Sodium Molybdate - Dihydrate		D/or less		
Sodium Nitrate		D		
Sodium Nitrite				
Sodium Nitroferricyanide				
Sodium Oleate		no data	NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Oxalate				
Sodium Perborate	7632-04-4	D		
Sodium Perchlorate		D		
Sodium Peroxide		ND		
Sodium Phosphate - Dibasic - Anhydrous			NO	
Sodium Phosphate - Dibasic - Heptahydrate			NO	
Sodium Phosphate - Monobasic			NO	
Sodium Phosphate - Tribasic		D	NO	
Sodium Polyacrylate				
Sodium Rhodizonate				
Sodium Salicylate		D	NO	
Sodium Silicate		D		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sodium Sulfamate				
Sodium Sulfate			NO	
Sodium Sulfide	16721-80-5 and 1344-08-7 and 1313-82-2 and 22868-13-9	C		
Sodium Sulfite				
Sodium Tartrate Anhydrous			NO	
Sodium Tartrate Dihydrate			NO	
Sodium Thiocyanate		D		
Sodium Thiosulfate - Anhydrous			NO	
Sodium Thiosulfate - Pentahydrate			NO	
Sodium Tungstate	13472-45-2			
Stannic Chloride		C		
Stannous Chloride		D		
Starch			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Stearic Acid - Laboratory Grade			NO	
Stearic Acid - Reagent Grade		ND	NO	
Streptomycin Sulfate		C		
Strontium		ND		
Strontium Bromide			NO	
Strontium Carbonate				
Strontium Chloride			NO	
Strontium Hydroxide Octahydrate				
Strontium Hydroxide Solution				
Strontium Nitrate				
Strychnine		B		
Styrene		C		
Succinic Acid				
Sucrose			NO	

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sudan III				
Sudan III Solution				
Sudan IV				
Sudan IV Solution				
Sudan Yellow				
Sulfamic Acid		D		
Sulfanilamide		D		
Sulfanilic Acid				
Sulfosalicylic Acid		D		
Sulfur - Precipitated				
Sulfur Dioxide		ND		
Sulfur Hexafluoride				
Sulfurated Potash				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Sulfuric Acid (<1 molar)				
Sulfuric Acid (>6 molar)		B		
Sulfuric Acid (1 molar to 6 molar)		D		
Talc				
Tannic Acid		NC	NO	
Tartaric Acid			NO	
Tert-Butanol		D		
Testosterone				
Testosterone Propionate				
Tetrabromoethane				
Tetracycline Hydrochloride			NO	
Tetrafluoroethylene				
Tetrahydrofuran		B - data reviewed doesn't back this highly poisonous rating for inhalation		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Tetramethyl-p-phenylenediamine Dihydrochloride				
Thallium				
Thermit			NO	
Thermit Igniting Sticks			NO	
Thiamine Hydrochloride			NO	
Thimerosal		C		
Thioacetamide		C		
Thionin	78338-22-4	C		
Thionyl Chloride				
Thiourea		C		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Thorium Nitrate				
Thymol		D	NO	
Thymol Blue	76-61-9		NO	
Thymolphthalein			NO	
Thymolphthalein Solution				
Thyroxine			NO	
Tin - Metal Lump		ND	NO	
Tin - Powder		ND		
Tin Oxide				
Titanium Dioxide				
Titanium Tetrachloride		B		
Titanium Trichloride		C??		



Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Tollen's Reagent				
Toluene		D	YES	14.1 mg/kg = B (incorrect conversion, it's 14,100 mg/kg = D)
Toluidine Blue O		ND		
Toluidine, o-				
Tricaine Methanesulfonate				
Trichloroacetic Acid		C		
Trichloroethane	25323-89-1	D		
Trichloroethylene		D		
Trichlorotrifluoroethane		NC		
Triethanolamine		D/ non-tox sax		
Triethyl Phosphate		D		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Triethylamine		C	YES	570 mg/kg = C
Trimethylamine				
Trinitrobenzene		C		
Trinitrotoluene		D		
Triphenyl Tetrazolium Chloride				
Tris-Hydroxymethyl Aminomethane		ND		
Triton X-100		C (fish)		
Turpentine		C		
Tyrosine				
Universal Indicator				
Uranium		(no data)		
Uranyl Acetate		C		
Uranyl Nitrate		(no data)		

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Urea			NO	
Urease				
Urethane		D		
Vanadium Pentoxide		B		
Vegetable Oil				
Vinyl Chloride				
Vinyl Ether				
Winkler's Solution #1				
Winkler's Solution #2				
Wood's Metal		JT BAKER		
Wright's Stain				
Wright's Stain Solution				
Xylene		D		
Xylose	609-06-3 and 41247-05-6 and 31178-70-8 and 6763-34-4			

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Yttrium Oxide		sciencelab.com		
Zenker's Fixative				
Zeolite		JT Baker		
Zinc - Metal Lump		NC	NO	
Zinc - Powder		NC		
Zinc Acetate		D	NO	
Zinc Carbonate			NO	
Zinc Carbonate - Basic			NO	
Zinc Chloride		C		
Zinc Nitrate - Anhydrous		D sciencestuff		
Zinc Nitrate - Hexahydrate		D sciencestuff		
Zinc Oxide				
Zinc Stearate				

Chemical Name	Other CAS Numbers	Toxicity Category	Toxic by Skin	Toxic Category Skin LD50
Zinc Sulfate - 7-Hydrate		D		
Zinc Sulfate - Anhydrous		D		
Zinc Sulfate - Monohydrate		D		
Zinc Sulfide		C		
Zirconium Tetranitrate		D		

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Abscisic Acid	NO			NO
Acetal				
Acetaldehyde	YES	23 mg/l = D	NO	IA
Acetamide	NO		NO	NO
Acetanilide			NO	NO
Acetic Acid (<1 Molar)	NO		ACID	II
Acetic Acid (>6 Molar)	NO		ACID	II
Acetic Acid (1 Molar to 6 Molar)			ACID	II
Acetic Anhydride			ACID	II
Aceto Carmine				NO
Acetone			NO	IB
Acetonitrile			NO	IB
Aceto-Orcein Solution				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Acetyl Chloride	YES (TC- 2ppm)		ACID	IB
Acetylcholine Bromide			NO	NO
Acetylcholine Bromide Solution			NO	NO
Acetylcholine Chloride			NO	NO
Acetylcholine Chloride Solution			NO	NO
Acetylene				GAS
Acetylsalicylic Acid	NO		NO	NO
Acridine Orange	NO			NO
Acrolein				YES
Acrylamide			NO	NO
Acrylic Acid			ACID	II
Acrylonitrile			NO	IB

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Adenine	NO		NO	NO
Adenosine Triphosphate	NO			NO
Adipic Acid				
Adipoyl Chloride				NO
Adipoyl Chloride - Hexane Solution				
Adrenaline			NO	NO
Adrenaline Chloride Solution				
Agar	NO			NO
Agarose			NO	IB
Aitch-tu-ess Cartridges				NO
Alanine, DL-	NO			NO
Alanine, L-	NO			NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Albumin				
Alconox				
Alizarin				NO
Alizarin Red S	NO			NO
Alizarin Yellow R	NO			NO
Alkaline Iodide Azide			BASE	NO
Alkaline Potassium Iodide			BASE	NO
Allyl Chloride				
Aluminon	NO			NO
Aluminum - Metal Lump	NO		NO	SLD
Aluminum - Powder	NO		NO	SLD

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Aluminum Ammonium Sulfate	NO			NO
Aluminum Chloride - Anhydrous			ACID	NO
Aluminum Chloride - Hexahydrate			NO	NO
Aluminum Hydroxide				NO
Aluminum Nitrate - Anhydrous				NO
Aluminum Nitrate - Nonahydrate			NO	NO
Aluminum Oxide	NO			NO
Aluminum Potassium Sulfate	NO			NO
Aluminum Sodium Sulfate	NO			NO
Aluminum Sulfate - 18 hydrate	NO			NO
Aluminum Sulfate - Anhydrous	NO			NO
Aminodiphenyl, 4-				
Ammonium Acetate				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ammonium Bicarbonate	NO			NO
Ammonium Bifluoride			ACID	NO
Ammonium Bromide	NO			NO
Ammonium Carbonate	NO			NO
Ammonium Chloride			NO	NO
Ammonium Chromate				NO
Ammonium Citrate	NO			NO
Ammonium Dichromate			NO	NO
Ammonium Fluoride	JT Baker			NO
Ammonium Hydroxide (<1 Molar)			BASE	NO
Ammonium Hydroxide (>6 Molar)			BASE	NO
Ammonium Hydroxide (1 Molar to 6 Molar)			BASE	NO
Ammonium Iodide	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ammonium Metavanadate	YES	0.0078 mg/l = X	NO	NO
Ammonium Molybdate				NO
Ammonium Nitrate			NO	NO
Ammonium Nitrite				NO
Ammonium Oxalate - Anhydrous	JT Baker			NO
Ammonium Oxalate - Monohydrate	JT Baker			NO
Ammonium Perchlorate			NO	NO
Ammonium Persulfate			NO	NO
Ammonium Phosphate - Dibasic				NO
Ammonium Phosphate - Monobasic				NO
Ammonium Polysulfide				NO
Ammonium Sulfate			NO	NO
Ammonium Sulfide			OTHER	IC

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ammonium Tartrate	NO		NO	NO
Ammonium Thiocyanate			NO	NO
Amyl Acetate	NO		NO	II
Amylase				
Anasol				
Anhydrous Ammonia	YES	7 mg/l = C	BASE	NO
Aniline			NO	III
Aniline Acetate				
Aniline Blue			NO	III
Aniline Hydrochloride			NO	NO
Anthracene				
Anthranilic Acid	NO			

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Antimony - Metal Lump				NO
Antimony - Powder				SLD
Antimony Potassium Tartrate	NO		NO	NO
Antimony Trichloride			ACID	NO
Arabinose				
Arginine				
Arsenic - Metal Lump				NO
Arsenic - Powder				SLD

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Arsenic Trioxide			NO	NO
Arsine				
Asbestos				
Ascarite			BASE	NO
Ascorbic Acid	NO			NO
Asparagine				
Aspartic Acid				
Barfoed Reagent			NO	NO
Barium - Metal Lump				
Barium - Powder				
Barium Acetate			NO	NO
Barium Carbonate				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Barium Chloride				
Barium Chromate			NO	NO
Barium Hydroxide				NO
Barium Nitrate	NO			NO
Barium Peroxide			NO	NO
Barium Sulfate			NO	NO
Benedict's Reagent	NO			NO
Benzaldehyde			NO	III
Benzene			NO	IA



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Benzidine			NO	NO
Benzoic Acid				NO
Benzoin				NO
Benzonitrile				
Benzophenone			NO	NO
Benzoyl Chloride			ACID	NO
Benzoyl Peroxide			NO	NO
Benzyl Alcohol			NO	NO
Benzylaminopurine	YES	5.2 mg/l = C	NO	NO
Beryllium - Metal Lump			NO	NO
Beryllium - Powder			NO	NO
Beryllium Hydroxide				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Beryllium Oxide				NO
Beryllium Sulfate				NO
Bile Salts				
Bismarck Brown Y				NO
Bismuth - Metal Lump			NO	NO
Bismuth - Powder				YES
Bismuth Nitrate			NO	NO
Bismuth Subnitrate				NO
Bismuth Trichloride			ACID	NO
Biuret				
Biuret Reagent				NO
Boric Acid	NO		NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Boron Trichloride				
Bouin's Fixative				NO
Brilliant Cresyl Blue				NO
Brilliant Green				NO
Bromine	YES	2.7 mg/l = C	OTHER	NO
Bromine Water			OTHER	NO
Bromobenzene	YES	20.4 mg/l = D	NO	II
Bromobutane	YES	47 mg/l = D	NO	IC
Bromocresol Green			NO	NO
Bromocresol Purple			NO	NO
Bromoform			NO	NO
Bromphenol Blue			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Bromthymol Blue			NO	NO
Butadiene				
Butanol, 1-			NO	IB
Butanol, 2-	YES	48.5 mg/l = D		IB
Butoxyethanol			NO	II
Butyl Acetate			NO	IB
Butyl Stearate			NO	NO
Butylated Hydroxytoluene				
Butyraldehyde			NO	IB
Butyric Acid			OTHER	III
Cadmium - Metal Lump			NO	NO
Cadmium - Powder	YES	0.025mg/l = A	NO	NO
Cadmium Chloride - Anhydrous			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Cadmium Chloride - Pentahydrate				NO
Cadmium Nitrate - Anhydrous			NO	NO
Cadmium Nitrate - Tetrahydrate			NO	NO
Cadmium Oxide	YES	0.045 mg/l = A	NO	NO
Cadmium Sulfate - Anhydrous			NO	NO
Cadmium Sulfate - Octahydrate				NO
Caffeine				NO
Calcium - Metal Lump			NO	SLD
Calcium - Powder			NO	SLD
Calcium Acetate	NO		NO	NO
Calcium Bromide	NO			NO
Calcium Carbide			NO	NO
Calcium Carbonate	NO			NO
Calcium Chloride	NO		NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Calcium Chloride	NO		NO	NO
Calcium Cyanide			NO	NO
Calcium Fluoride				NO
Calcium Gluconate				
Calcium Hydroxide			BASE	NO
Calcium Hypochlorite			NO	NO
Calcium Iodide	NO			NO
Calcium Nitrate - Anhydrous				NO
Calcium Nitrate - Hydrate				NO
Calcium Oxide			BASE	NO
Calcium Phosphate, Dibasic	NO			NO
Calcium Phosphate, Monobasic	NO			NO
Calcium Phosphate, Tribasic	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Calcium Sulfate - Dihydrate	NO			NO
Calcium Sulfate - Hemihydrate	NO			NO
Calcium Sulfide				NO
Calmagite				
Camphor	YES (no Sax ref)	0.5 mg/l = B		
Canadian Balsam	NO			
Canadian Balsam in Xylene				YES
Carbol Fuchsin				YES
Carbon	NO		NO	NO
Carbon Black				
Carbon Disulfide	YES	25 mg/l = D	NO	IB
Carbon Monoxide				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Carbon Tetrachloride			NO	NO
Carbonyl Sulfide				
Carmine				
Carnauba Wax				
Carnoy's Fixative				YES
Casein	NO			NO
Catalase				
Catechol			NO	NO
Cedarwood Oil				NO
Cellulose	NO			NO
Cerium Ammonium Nitrate			NO	NO
Cesium Chloride	NO		NO	NO
Cetyl Alcohol	NO		NO	NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Charcoal	NO		NO	NO
Chloral Hydrate			NO	NO
Chloretone				NO
Chlorine			OTHER	NO
Chlorine Trifluoride				
Chlorine Water			OTHER	NO
Chlorobenzene			NO	IC
Chloroethanol	YES	0.29 mg/l = B	NO	II
Chloroform			NO	NO
Chlorophenol	YES	0.011 mg/l = X	OTHER	NO
Chlorophenol Red			NO	NO
Chlorophyllin				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Chloroprene	YES	11.8 mg/l = C		YES
Chloropromazine				
Chlorosulfonic Acid	YES	4.7 mg/l = C	ACID	NO
Cholesterol	NO			NO
Chromatography Solvent				IB
Chromic Acid				NO
Chromium - Metal Lump	NO		NO	NO
Chromium - Powder			NO	NO
Chromium Chloride - Anhydrous			Irritant	NO
Chromium Chloride - Hydrate				NO
Chromium Nitrate				NO
Chromium Oxide			NO	NO
Chromium Potassium Sulfate - Anhydrous			NO	NO

<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Chromium Potassium Sulfate - Dodecahydrate				NO
Chromium Sulfate			NO	NO
Chromium Trioxide			ACID	NO
Chy-Max				
Cinnamaldehyde				YES
Citric Acid	NO		NO	NO
Clayton Yellow				
Clove Oil			NO	NO
Cobalt - Metal Lump			NO	NO
Cobalt - Powder				SLD
Cobalt Carbonate				NO
Cobalt Chloride - Anhydrous				NO
Cobalt Chloride - Hydrate			NO	NO
Cobalt Nitrate - Anhydrous			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Cobalt Nitrate - Hydrate				NO
Cobalt Oxide			NO	NO
Cobalt Sulfate			NO	NO
Colchicine				NO
Collodion			NO	IB
Congo Red				
Copper - Metal Lump				
Copper - Powder				
Copper Acetate - Anhydrous	NO			NO
Copper Acetate - Hydrate	NO			NO
Copper Bromide	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Copper Carbonate	NO			NO
Copper Chloride - Anhydrous			NO	NO
Copper Chloride - Dihydrate			NO	NO
Copper Hydroxide				
Copper Nitrate - Anhydrous			NO	NO
Copper Nitrate - Hemipentahydrate				NO
Copper Nitrate - Trihydrate			NO	NO
Copper Sulfate	NO		BASE	NO
Creatine	NO			NO
Creatinine				
Creosote			NO	III

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Cresol			OTHER	NO
Cresol Purple	NO			NO
Cresol Red				NO
Cresol Red, Sodium Salt				NO
Crystal Violet			NO	NO
Cumene	YES	39 mg/l = D	NO	IC
Cupric Cyanide			NO	NO
Cupric Oxide	NO			NO
Cupric Sulfide			NO	NO
Cuprous Acetate	NO			NO
Cuprous Chloride			NO	NO
Cuprous Cyanide			NO	NO
Cuprous Oxide	NO			NO
Cuprous Sulphide				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Cyanogen Bromide			OTHER	NO
Cyclohexane			NO	IB
Cyclohexanol			NO	III
Cyclohexanone	YES	19 mg/l = C	NO	II
Cyclohexene			NO	IA
Cysteine				
Decanoic Acid	NO		NO	NO
Denatured Alcohol				YES
Dextrin				
Dextrose	NO			NO
Diastase of Malt				
Diatomaceous Earth				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Dibromo-3-chloropropane, 1,2-				
Dibutyl Phthalate	YES	4.2 mg/l = C	NO	NO
Dichlorobenzidine				
Dichloroethane			NO	IA
Dichloroindophenol, Sodium Salt				
Dichlorophenoxy Acetic Acid			NO	NO
Diethylamine			BASE	IB
Dimethyl Aniline			NO	III
Dimethyl Sulfoxide				
Dimethylaminoazobenzene, 4-				
Dimethylglyoxime				NO
Dimethylglyoxime Solution				NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Dinitrophenol			NO	SLD
Dinitrophenyl Hydrazine			NO	NO
Dioxane	YES	46 mg/l = D	NO	IB
Diphenylamine			BASE	NO
Dithizone				NO
Dodecanol				
Drierite	NO			NO
Duplicating Fluid			NO	IB
Eosin Y				NO
Eriochrome Black T				NO
Erythrosin B			NO	NO
Estrone				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ethanol			NO	IB
Ethanolamine				
Ethidium Bromide	NO			NO
Ethoxyethanol				
Ethyl Acetate	YES	200 mg/l = D	NO	IB
Ethyl Chloride	YES	152 mg/l = D	NO	NO
Ethyl Ether			NO	IA
Ethyl Iodide	YES	65 mg/l = D		
Ethyl Nitrate				
Ethylene Glycol	NO		NO	NO
Ethylene Oxide			NO	IA

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ethylenediamine			BASE	IC
Ethylenediamine Tetraacetic Acid	NO			
Ethyleneimine	YES	0.1 mg/l = A	NO	II
FAA Solution				YES
Fast Green			NO	NO
Fehling's Solution A				YES
Fehling's Solution B				YES
Ferric Ammonium Citrate	NO			YES
Ferric Ammonium Sulfate	NO			YES
Ferric Oxide	NO			
Ferric Sulfate	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Ferriin Solution				
Ferrous Oxide	NO			
Ferrous Sulfate, Anhydrous	NO			NO
Ferrous Sulfate, Heptahydrate	NO			NO
Fluorescein				YES
Formaldehyde			OTHER	NO
Formalin			OTHER	NO
Formalternate				
Formamide				
Formic Acid	YES	15 mg/l = C	ACID	NO
Fructose	NO			NO
Fuchsin Acid	NO			YES

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Fuchsin Basic	NO		NO	NO
Fuller's Earth	NO			NO
Fumaric Acid	NO			
Furfural	YES	Slightly toxic	NO	II
Galactose	NO			NO
Gallium - Metal Lump				
Gastric Juice				
Gelatin	NO			NO
Gibberellic Acid	NO			NO
Giemsa Stain				NO
Giemsa Stain Solution			NO	YES
Gilson's Fixative				
Glucose	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Glutaraldehyde (<6%)	YES	0.48 mg/l = B	NO	NO
Glutaraldehyde (>6%)			NO	NO
Glutathione	NO			NO
Glycerin			NO	NO
Glycine	NO			NO
Glycogen	NO			NO
Glyoxal	NO			
Glyoxal Solution			NO	NO
Gram's Iodine Stain	NO			NO
Graphite	NO			SLD
Guaiacol				
Guar Gum				
Gum Arabic	NO			NO
Gum Rosin	NO	Reported erroneously at 0.11 mg/l = A	NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Gunpowder	NO			SLD
Hayem Diluting Fluid				NO
Helium	NO			NO
Hematoxylin				NO
Heptane	YES	103 mg/l = D	NO	IB
Hexachlorophene				
Hexamethylenediamine			BASE	NO
Hexamethylenediamine - Sodium Hydroxide Solution			BASE	NO
Hexane	YES	627 mg/l = C	NO	IA
Hexane/Acetone Aerosol Sprays				
Hexanol			NO	IC

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Hydrazine			BASE	II
Hydrazine Sulfate			NO	NO
Hydriodic Acid			ACID	NO
Hydrobromic Acid			ACID	NO
Hydrochloric Acid (<1 molar)	NO		NO	NO
Hydrochloric Acid (>6 molar)			ACID	NO
Hydrochloric Acid (1 molar to 6 molar )			ACID	NO
Hydrofluoric Acid			ACID	NO
Hydrogen	NO			GAS



<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Hydrogen Bromide				
Hydrogen Chloride				
Hydrogen Peroxide ( <4%)	NO		NO	NO
Hydrogen Peroxide ( 20% to 30% )			NO	NO
Hydrogen Peroxide ( 4% to 20% )			NO	NO
Hydrogen Peroxide (>31% )			NO	NO
Hydrogen Sulfide Gas			NO	NO
Hydrogen Sulfide Water			NO	NO
Hydroquinone			NO	NO
Hydroxy Napthol Blue	NO			NO
Hydroxylamine Hydrochloride			ACID	NO
Immersion Oil	NO		NO	NO
Immersion Oil - Containing PCBs	NO		NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Indigo Carmine	NO		NO	NO
Indigo Dye	NO			NO
Indole-3-Acetic Acid	NO			NO
Indole-3-Butyric Acid				NO
Invertase	NO			NO
Iodine	NO		OTHER-tissue corros	NO
Iodine Potassium Iodide Solution	NO			NO
Iodine Tincture	NO			YES
Iron - Metal Lump	NO		NO	NO
Iron - Powder	NO		NO	NO
Iron Chloride	NO		ACID	NO
Iron Nitrate - 9 Hydrate				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Iron Nitrate - Anhydrous	NO			NO
Iron Sulfide			NO	NO
Isobutanol	YES	19.2 mg/l = C	NO	IC
Isopropanol	NO		NO	NO
Isopropyl Ether			NO	IB
Isovaleric Acid			ACID	NO
Janus Green B	NO			NO
Kaolin	NO			NO
Kerosene			NO	II
Kinetin				NO
Kleermount in Xylene			NO	IC
Knop's Solution				
Lactic Acid				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Lactose	NO			NO
Lanolin	NO			NO
Lanthanum Nitrate - Anhydrous				NO
Lanthanum Nitrate - Hexahydrate				NO
Latex				
Lauric Acid	NO		ACID	NO
Lauroyl Peroxide			NO	NO
Lead - Metal Lump			NO	NO
Lead - Powder			NO	NO
Lead Acetate - Dibasic			NO	NO
Lead Acetate - Monobasic				NO
Lead Arsenate				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Lead Bromide				NO
Lead Carbonate			NO	NO
Lead Carbonate - Basic				NO
Lead Chloride			NO	NO
Lead Chromate			NO	NO
Lead Diiodide			NO	NO
Lead Dioxide			NO	NO
Lead Iodide				NO
Lead Monooxide			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Lead Nitrate				NO
Lead Oxide			NO	NO
Lead Sulfate			ACID	NO
Lead Sulfide				NO
Lead Tetroxide			NO	NO
Levulose	NO			NO
Limewater	NO		BASE	NO
Linseed Oil				maybe
Lipase				
Lithium - Metal Lump			NO	NO
Lithium - Powder			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Lithium Aluminum Hydride			NO	IB
Lithium Carbonate	NO		BASE	III
Lithium Chloride	NO		NO	NO
Lithium Fluoride			NO	NO
Lithium Hydroxide - Anhydrous	YES	0.96 mg/l = B	BASE	NO
Lithium Hydroxide - Monohydrate			BASE	NO
Lithium Nitrate			NO	NO
Lithium Sulfate - Anhydrous	NO			NO
Lithium Sulfate - Hydrate	NO			NO
Litmus	NO			NO
Lugol's Iodine				NO
Lull-A-Fly				YES

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Luminol	NO			NO
Lycopodium	NO			SLD
Lysine HCl				
Lysozyme				
Magnesium - Metal Lump	NO		NO	NO
Magnesium - Powder			OTHER	NO
Magnesium Acetate	NO			NO
Magnesium Bromide - Anhydrous	NO			NO
Magnesium Bromide - Hexahydrate	NO			NO
Magnesium Carbonate - Anhydrous	NO			NO
Magnesium Carbonate - Hydrate	NO			NO
Magnesium Chloride - Anhydrous	NO		NO	NO



<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Magnesium Chloride - Hexahydrate	NO			NO
Magnesium Hydroxide	NO			NO
Magnesium Nitrate - Anhydrous	NO			NO
Magnesium Nitrate - Hexahydrate	NO		NO	NO
Magnesium Oxide	NO			NO
Magnesium Perchlorate			NO	NO
Magnesium Sulfate	NO			NO
Malachite Green			NO	NO
Maleic Acid			ACID	NO
Malonic Acid			ACID	NO
Maltose, D- - Anhydrous	NO			NO
Maltose, D- - Monohydrate	NO			NO
Manganese - Metal Lump			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Manganese - Powder			NO	NO
Manganese (II) Chloride - Anhydrous				NO
Manganese (II) Chloride Tetrahydrate			NO	NO
Manganese (II) Nitrate - Anhydrous				NO
Manganese (II) Nitrate - Tetrahydrate				NO
Manganese (II) Sulfate - Anhydrous				NO
Manganese (II) Sulfate - Monohydrate				NO
Manganese Carbonate				NO
Manganese Peroxide				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Mannitol	NO			NO
Menthol			OTHER	III
Mercaptoethanol			NO	III
Mercuric Bichloride				NO
Mercuric Chloride			NO	NO
Mercuric Iodide			NO	NO
Mercuric Nitrate monohydrate				NO
Mercuric Sulfate				NO
Mercurochrome			NO	NO
Mercurous Chloride			NO	NO
Mercurous Nitrate			NO	NO
Mercurous Nitrate (mercury (I) nitrate)			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Mercurous Sulfate				NO
Mercury - Elemental			NO	NO
Mercury Oxide			NO	NO
Mercury Sulfide			NO	NO
Mercury Thermometers			NO	NO
Methanol			NO	NO
Methionine				
Methoxyethanol				
Methyl Blue				
Methyl Bromide				
Methyl Cellulose	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Methyl Ethyl Ketone	YES	23.5 mg/l = D	NO	IB
Methyl Green	NO			NO
Methyl Iodide	YES	1.3 mg/l = B	NO	NO
Methyl Isobutyl Ketone	YES	100 mg/l = D	NO	IB
Methyl Isocyanate			NO	IA
Methyl Isopropyl Ketone			NO	IA
Methyl Mercaptan				
Methyl Methacrylate	YES	78 mg/l = D	NO	IB
Methyl Orange				NO
Methyl Paraben			NO	NO
Methyl Red	NO			NO
Methyl Red - Sodium Salt				NO
Methyl Salicylate			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Methyl Tert-Butyl Ether	YES	41 mg/l = D	NO	IB
Methyl Violet			NO	NO
Methylamine			BASE	IA
Methylchloromethyl Ether				
Methylene Blue			NO	NO
Methylene Chloride	YES	52 mg/l = D	NO	NO
Millon's Reagent				NO
Mineral Oil	NO			
Molisch Reagent				YES
Molybdenum - Metal Lump				NO
Molybdenum - Powder				SLD
Molybdenum Oxide				
Molybdenum Trioxide				NO
Monosodium Glutamate	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Murexide				NO
Muriatic Acid			ACID	NO
Naphthalene			NO	NO
Naphthalene Acetic Acid			ACID	NO
Naphthol, 1-			NO	
Naphthol, 2-				
Naphthol-6-Sulfonic Acid - Sodium Salt				NO
Naphthylamine			NO	NO
Naphthylethylenediamine Dihydrochloride				NO
Neodymium Chloride				NO
Nessler's Reagent				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Neutral Red				NO
Niacin	NO			NO
Nickel - Metal Lump	NO		NO	NO
Nickel - Powder			NO	SLD
Nickel Acetate			NO	NO
Nickel Ammonium Sulfate	NO			NO
Nickel Chloride - Anhydrous			NO	NO
Nickel Chloride - Hexahydrate				NO
Nickel Monoxide				NO
Nickel Nitrate - Anhydrous			NO	NO
Nickel Nitrate - Hexahydrate				NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Nickel Sulfate - Anhydrous			NO	NO
Nickel Sulfate - Hexahydrate				NO
Nickel Trioxide				NO
Nicotine			NO	NO
Nigrosin				
Ninhydrin			NO	NO
Nitric Acid (<1 molar)			ACID	NO
Nitric Acid (>6 molar)	YES	0.26 mg/l = B	ACID	NO
Nitric Acid (1 molar to 6 molar)			ACID	NO
Nitrilotriacetic Acid			ACID	NO
Nitroacetanilide				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Nitrobenzaldehyde				NO
Nitrobenzene			NO	III
Nitrocellulose				
Nitrogen	NO			NO
Nitrogen Triiodide				NO
Nitroglycerin			NO	IC
Nitrophenol, 3-			NO	NO
Nitrophenol, 4-			NO	NO
Nitrophenylazo Resorcinol				NO
Nitrosodimethylamine, N-				
Octadecanol				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Octanol, 1-			NO	III
Octanol, 2-				
Octyl Phenol				
Oleic Acid	NO			NO
Onion's Fusible Alloy	NO			NO
Orange G				NO
Orange IV				NO
Orcein				NO
Orcinol			NO	NO
Ortho-dichlorobenzene			NO	NO
Osmium Tetroxide			NO	NO
Oxalic Acid - Anhydrous			ACID	NO
Oxalic Acid - Dihydrate				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Oxygen	NO		NO	NO
Palmitic Acid	NO			NO
Pancreatin	NO			NO
Papain				
Para-dichlorobenzene			NO	III
Paraffin	NO			NO
Paraformaldehyde	YES	1.07 mg/l = B	NO	NO
Paraldehyde			NO	IC
Paris Green				NO
Penicillin G Sodium				
Pentachlorophenol	YES	0.355 mg/l = B	NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Pentane	YES	364 mg/l = D	NO	IA
Pentanol, 1-			NO	II
Pentanol, 2-			NO	II
Peppermint Oil				
Pepsin	NO			
Peptone				
Perchloric Acid			ACID	NO
Perchloroethylene	YES	34.2 mg/l = D	NO	NO
Permunt				
Petrolatum				
Petroleum Ether			NO	IA

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
pH 10 Buffer - Ammonium Hydroxide				NO
pH 10 Buffer - Borate	NO			NO
pH 10 Buffer - Clear	NO			NO
pH 4 Buffer - Acetate				NO
pH 4 Buffer - Biphthalate	NO			NO
pH 7 Buffer - Phosphate	NO			NO
pH 7.4 Buffer - Tris	NO			NO
Phenanthroline	NO			NO
Phenol			OTHER	III
Phenol Red	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Phenolphthalein	NO			NO
Phenolphthalein - Ethanol Solution	NO			NO
Phenyl Salicylate	NO			NO
Phenylarsine Oxide - Solid				NO
Phenylarsine Oxide - Solution				NO
Phenylhydrazine Hydrochloride				NO
Phenylthiocarbamide			NO	NO
Phloroglucinol			NO	NO
Phosphomolybdic Acid			ACID	NO
Phosphoric Acid (<1 molar)	NO		ACID	NO
Phosphoric Acid (>6 molar)			ACID	NO
Phosphoric Acid (1 molar to 6 molar)			ACID	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Phosphorus - Red			NO	NO
Phosphorus - White			NO	NO
Phosphorus - Yellow			NO	NO
Phosphorus Pentasulfide			NO	SLD
Phosphorus Pentoxide	YES	1.2 mg/l = B	ACID	NO
Phosphorus Trichloride				
Phthalic Anhydride			NO	NO
Physostigmine			NO	NO
Picric Acid	NO		NO	NO
Polyethylene Glycol				
Polyurethane Foam - Part A				NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Polyurethane Foam – Part B				NO
Polyvinyl Alcohol	NO			
Potassium - 0.5 gram Chips				NO
Potassium - Chunks			OTHER	NO
Potassium Acetate	NO		NO	NO
Potassium Bicarbonate	NO			NO
Potassium Binoxalate				NO
Potassium Bisulfate	NO			NO
Potassium Bitartrate	NO			NO

<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Potassium Bromate			NO	NO
Potassium Bromide	NO			NO
Potassium Carbonate - Anhydrous	NO		NO	NO
Potassium Carbonate - Sesquahydrate	NO			NO
Potassium Chlorate			NO	NO
Potassium Chloride	NO		NO	NO
Potassium Chromate			NO	NO
Potassium Citrate	NO			NO
Potassium Cyanide			NO	NO
Potassium Dichromate			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Potassium Ferricyanide				NO
Potassium Ferrocyanide				NO
Potassium Fluoride			OTHER	NO
Potassium Hydrogen Phthalate				NO
Potassium Hydroxide - Solid			BASE	NO
Potassium Hydroxide (<1 molar)			BASE	NO
Potassium Hydroxide (>6 molar)			BASE	NO
Potassium Hydroxide (1 molar to 6 molar)			BASE	NO
Potassium Iodate			NO	NO
Potassium Iodide	NO		NO	NO
Potassium Nitrate			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Potassium Nitrite			NO	NO
Potassium Oxalate				NO
Potassium Perchlorate			NO	NO
Potassium Periodate			NO	NO
Potassium Permanganate			NO	NO
Potassium Peroxide				NO
Potassium Persulfate			NO	NO
Potassium Phosphate - Dibasic	NO			NO
Potassium Phosphate - Monobasic	NO			NO
Potassium Phosphate - Tribasic	NO			NO
Potassium Sodium Tartrate	NO			NO
Potassium Sulfate	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Potassium Sulfide			NO	NO
Potassium Tartrate	NO			NO
Potassium Thiocyanate	NO		NO	NO
Praseodymium Chloride				NO
Propane			NO	IA
Propanol			NO	II
Propiolactone, b-				
Propionic Acid			ACID	NO
Propylene Glycol	NO			NO
Pyridine	YES	28.5 mg/l = D	NO	IA
Pyrogallol				NO
Quinine Sulfate				NO
Resazurin				
Resorcinol			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Rhodamine B				NO
Ringer's Solution				NO
Rose Bengal			NO	NO
Safranin O			NO	NO
Safranin Staining Solution				YES
Salicylic Acid	NO			NO
Schiff Reagent				NO
Sebacoyl Chloride			ACID	NO
Sebacoyl Chloride/Hexane Solution				YES
Selenium - Metal Lump			NO	NO
Selenium - Powder			NO	NO
Silica Gel	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Silicon			NO	NO
Silicon Oil	NO			
Silicon Tetrafluoride				
Silver - Metal Lump				
Silver Acetate			NO	NO
Silver Chloride			NO	NO
Silver Cyanide			NO	NO
Silver Nitrate			NO	NO
Silver Oxide			NO	NO
Silver Sulfate			NO	NO
Soda Lime			BASE	NO
Sodium - 0.5 Gram Pieces			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium - Chunks			NO	NO
Sodium Acetate - Anhydrous	NO			NO
Sodium Acetate - Hydrate	NO		NO	NO
Sodium Alginate	NO			NO
Sodium Arsenate				NO
Sodium Arsenite			NO	NO
Sodium Azide	YES	0.03 mg/l = A	NO	NO
Sodium Benzoate	NO		NO	NO
Sodium Bicarbonate			NO	NO
Sodium Bifluoride				
Sodium Bismuthate			NO	NO
Sodium Bisulfate - Anhydrous	NO		ACID	NO
Sodium Bisulfate - Monohydrate	NO			NO



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium Bisulfite			ACID	NO
Sodium Borate				NO
Sodium Borohydride	YES	0.036 mg/l = A	BASE	NO
Sodium Bromate			NO	NO
Sodium Bromide			NO	NO
Sodium Carbonate	NO		NO	NO
Sodium Chlorate			NO	NO
Sodium Chloride	NO			NO
Sodium Chromate - Anhydrous			NO	NO
Sodium Chromate - Tetrahydrate				NO
Sodium Citrate	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium Cobaltinitrite				NO
Sodium Cyanide			NO	NO
Sodium Deoxycholate				
Sodium Dichloroindophenol				NO
Sodium Dichromate - Anhydrous			NO	NO
Sodium Dichromate - Dihydrate				NO
Sodium Diphenylamine Sulfonate				NO
Sodium Dithionite				NO
Sodium Ferricyanide				NO
Sodium Ferrocyanide			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium Fluoride			OTHER	NO
Sodium Fluoroacetate				
Sodium Hexametaphosphate				NO
Sodium Hydroxide - Solid			BASE	NO
Sodium Hydroxide - solution (<1 molar)			BASE	NO
Sodium Hydroxide - solution (>6 molar )			BASE	NO
Sodium Hydroxide - solution (1 M to 6 M)			BASE	NO
Sodium Hypochlorite - Solution (<6%)				NO
Sodium Hypochlorite - Solution (>6%)				NO
Sodium Iodate			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium Iodide			NO	NO
Sodium Lactate	NO			NO
Sodium Lauryl Sulfate	NO		NO	NO
Sodium Metabisulfite				NO
Sodium Metasilicate			BASE	NO
Sodium Molybdate - Anhydrous				NO
Sodium Molybdate - Dihydrate			NO	NO
Sodium Nitrate			NO	NO
Sodium Nitrite	NO		NO	NO
Sodium Nitroferricyanide			NO	NO
Sodium Oleate	NO			NO

<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Sodium Oxalate				NO
Sodium Perborate				NO
Sodium Perchlorate			NO	NO
Sodium Peroxide			NO	NO
Sodium Phosphate - Dibasic - Anhydrous	NO			NO
Sodium Phosphate - Dibasic - Heptahydrate	NO			NO
Sodium Phosphate - Monobasic	NO			NO
Sodium Phosphate - Tribasic	NO		NO	NO
Sodium Polyacrylate				
Sodium Rhodizonate				
Sodium Salicylate	NO		NO	NO
Sodium Silicate			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sodium Sulfamate				NO
Sodium Sulfate	NO			NO
Sodium Sulfide			BASE	NO
Sodium Sulfite				NO
Sodium Tartrate Anhydrous	NO			NO
Sodium Tartrate Dihydrate	NO			NO
Sodium Thiocyanate			NO	NO
Sodium Thiosulfate - Anhydrous	NO			NO
Sodium Thiosulfate - Pentahydrate	NO			NO
Sodium Tungstate				
Stannic Chloride	YES	2.3 mg/l = C	ACID	NO
Stannous Chloride			ACID	NO
Starch	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Stearic Acid - Laboratory Grade	NO	NO		
Stearic Acid - Reagent Grade	NO		NO	NO
Streptomycin Sulfate			NO	NO
Strontium			NO	SLD
Strontium Bromide	NO			NO
Strontium Carbonate				
Strontium Chloride	NO			NO
Strontium Hydroxide Octahydrate				NO
Strontium Hydroxide Solution				NO
Strontium Nitrate			NO	IB
Strychnine			NO	NO
Styrene	YES	11.8 mg/l = C	NO	IC
Succinic Acid				NO
Sucrose	NO			NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sudan III				NO
Sudan III Solution				
Sudan IV				NO
Sudan IV Solution				
Sudan Yellow				
Sulfamic Acid			ACID	NO
Sulfanilamide			NO	NO
Sulfanilic Acid				NO
Sulfosalicylic Acid			NO	NO
Sulfur - Precipitated				
Sulfur Dioxide			ACID	NO
Sulfur Hexafluoride				NO
Sulfurated Potash				



Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Sulfuric Acid (<1 molar)			ACID	NO
Sulfuric Acid (>6 molar)	YES	0.5 mg/l = B	ACID	NO
Sulfuric Acid (1 molar to 6 molar)			ACID	NO
Talc				NO
Tannic Acid	NO		ACID	NO
Tartaric Acid	NO			NO
Tert-Butanol			NO	IB
Testosterone				NO
Testosterone Propionate				NO
Tetrabromoethane				
Tetracycline Hydrochloride	NO			NO
Tetrafluoroethylene				
Tetrahydrofuran	YES	0.072 mg/l = B	NO	IB

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Tetramethyl-p-phenylenediamine Dihydrochloride				
Thallium				NO
Thermit	NO			SLD
Thermit Igniting Sticks	NO			SLD
Thiamine Hydrochloride	NO			NO
Thimerosal			NO	NO
Thioacetamide			NO	NO
Thionin				NO
Thionyl Chloride			ACID	NO
Thiourea			NO	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Thorium Nitrate				NO
Thymol	NO		NO	NO
Thymol Blue	NO			NO
Thymolphthalein	NO			NO
Thymolphthalein Solution				
Thyroxine	NO			NO
Tin - Metal Lump	NO		NO	NO
Tin - Powder			NO	
Tin Oxide				NO
Titanium Dioxide				NO
Titanium Tetrachloride	YES	0.4 mg/l = B	ACID	NO
Titanium Trichloride			ACID	NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Tollen's Reagent				
Toluene	YES	49 mg/l = D	NO	IB
Toluidine Blue O			NO	NO
Toluidine, o-				
Tricaine Methanesulfonate				NO
Trichloroacetic Acid			ACID	NO
Trichloroethane				NO
Trichloroethylene	YES	140.7 mg/l = D	NO	NO
Trichlorotrifluoroethane			NO	NO
Triethanolamine			NO	
Triethyl Phosphate				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Triethylamine				YES
Trimethylamine				
Trinitrobenzene			NO	NO
Trinitrotoluene			NO	NO
Triphenyl Tetrazolium Chloride				NO
Tris-Hydroxymethyl Aminomethane			NO	NO
Triton X-100				
Turpentine	YES	13.7 mg/l = C	NO	II
Tyrosine				
Universal Indicator				YES
Uranium				NO
Uranyl Acetate				NO
Uranyl Nitrate				NO

<b>Chemical Name</b>	<b>Toxic by Inhalation</b>	<b>Toxic Category Inhalation LD50</b>	<b>Corrosive</b>	<b>Flammable</b>
Urea	NO			NO
Urease				
Urethane			NO	NO
Vanadium Pentoxide	B		NO	NO
Vegetable Oil				NO
Vinyl Chloride				
Vinyl Ether				
Winkler's Solution #1				NO
Winkler's Solution #2				NO
Wood's Metal				NO
Wright's Stain				YES
Wright's Stain Solution				
Xylene			NO	IC
Xylose				

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Yttrium Oxide				NO
Zenker's Fixative				
Zeolite				NO
Zinc - Metal Lump	NO		NO	NO
Zinc - Powder			NO	NO
Zinc Acetate	NO		NO	NO
Zinc Carbonate	NO			NO
Zinc Carbonate - Basic	NO			NO
Zinc Chloride	YES - FUMES		ACID	NO
Zinc Nitrate - Anhydrous			NO	NO
Zinc Nitrate - Hexahydrate				NO
Zinc Oxide				NO
Zinc Stearate				NO

Chemical Name	Toxic by Inhalation	Toxic Category Inhalation LD50	Corrosive	Flammable
Zinc Sulfate - 7-Hydrate				NO
Zinc Sulfate - Anhydrous				NO
Zinc Sulfate - Monohydrate				NO
Zinc Sulfide	C		NO	NO
Zirconium Tetranitrate	D			NO



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Abscisic Acid					
Acetal			Peroxide		
Acetaldehyde		AR	Peroxide	NO	CARC-MUT
Acetamide		NO		NO	
Acetanilide		NO		NO	
Acetic Acid (<1 Molar)		NO		NO	
Acetic Acid (>6 Molar)		NO		NO	
Acetic Acid (1 Molar to 6 Molar)		NO		NO	
Acetic Anhydride		NO		NO	
Aceto Carmine					
Acetone		NO		NO	
Acetonitrile		NO		NO	
Aceto-Orcein Solution					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Acetyl Chloride		NO		NO	
Acetylcholine Bromide		NO		NO	
Acetylcholine Bromide Solution		NO		NO	
Acetylcholine Chloride		NO		NO	
Acetylcholine Chloride Solution		NO		NO	
Acetylene					
Acetylsalicylic Acid		NO		NO	REPRO
Acridine Orange					
Acrolein					CARC
Acrylamide		NO		NO	CARC
Acrylic Acid		NO		NO	REPRO
Acrylonitrile		EX		NO	CARC-REPRO

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Adenine		NO		NO	
Adenosine Triphosphate					
Adipic Acid					
Adipoyl Chloride					
Adipoyl Chloride - Hexane Solution					
Adrenaline		NO		NO	
Adrenaline Chloride Solution					
Agar					
Agarose		NO			
Aitch-tu-ess Cartridges					
Alanine, DL-					
Alanine, L-					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Albumin					
Alconox					
Alizarin					
Alizarin Red S					
Alizarin Yellow R					
Alkaline Iodide Azide					
Alkaline Potassium Iodide					
Allyl Chloride					
Aluminon					
Aluminum - Metal Lump				NO	
Aluminum - Powder		WR		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Aluminum Ammonium Sulfate					
Aluminum Chloride - Anhydrous		WR		NO	
Aluminum Chloride - Hexahydrate		NO		NO	
Aluminum Hydroxide					
Aluminum Nitrate - Anhydrous	OX				
Aluminum Nitrate - Nonahydrate	OX	NO		NO	
Aluminum Oxide					
Aluminum Potassium Sulfate					
Aluminum Sodium Sulfate					
Aluminum Sulfate - 18 hydrate					
Aluminum Sulfate - Anhydrous					
Aminodiphenyl, 4-					
Ammonium Acetate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ammonium Bicarbonate					
Ammonium Bifluoride		NO		NO	
Ammonium Bromide					
Ammonium Carbonate					
Ammonium Chloride	OX	NO		NO	
Ammonium Chromate	OX				CARC
Ammonium Citrate					
Ammonium Dichromate	OX	NO		NO	CARC
Ammonium Fluoride					
Ammonium Hydroxide (<1 Molar)		NO		NO	
Ammonium Hydroxide (>6 Molar)		NO		NO	
Ammonium Hydroxide (1 Molar to 6 Molar)		NO		NO	
Ammonium Iodide					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ammonium Metavanadate		NO		NO	
Ammonium Molybdate					
Ammonium Nitrate	OX	NO		NO	
Ammonium Nitrite					
Ammonium Oxalate - Anhydrous					
Ammonium Oxalate - Monohydrate					
Ammonium Perchlorate	OX	EX		NO	
Ammonium Persulfate	OX	NO		NO	
Ammonium Phosphate - Dibasic					
Ammonium Phosphate - Monobasic					
Ammonium Polysulfide					
Ammonium Sulfate		NO		NO	
Ammonium Sulfide		PY-pyrophoric		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ammonium Tartrate		NO		NO	
Ammonium Thiocyanate		NO		NO	
Amyl Acetate		NO		NO	
Amylase					
Anasol					
Anhydrous Ammonia		NO		NO	
Aniline		NO		NO	REPRO
Aniline Acetate					
Aniline Blue		NO		NO	
Aniline Hydrochloride		NO		NO	
Anthracene					
Anthranilic Acid					



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Antimony - Metal Lump					
Antimony - Powder					
Antimony Potassium Tartrate		NO		NO	
Antimony Trichloride		NO		NO	
Arabinose					
Arginine					
Arsenic - Metal Lump					CARC
Arsenic - Powder					CARC

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Arsenic Trioxide		NO		NO	CARC
Arsine					
Asbestos					
Ascarite		NO		NO	
Ascorbic Acid					
Asparagine					
Aspartic Acid					
Barfoed Reagent	NO	NO	NO	NO	
Barium - Metal Lump					
Barium - Powder					
Barium Acetate		NO		NO	
Barium Carbonate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Barium Chloride				NO	
Barium Chromate	OX	NO		NO	
Barium Hydroxide					
Barium Nitrate				NO	
Barium Peroxide	OX	NO		NO	
Barium Sulfate		NO		NO	
Benedict's Reagent					
Benzaldehyde		NO		NO	
Benzene		NO		NO	CARC REPRO

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Benzidine		NO		NO	CARC REPRO
Benzoic Acid					
Benzoin					
Benzonitrile					
Benzophenone		NO		NO	
Benzoyl Chloride		NO		NO	
Benzoyl Peroxide	OX	OP		NO	
Benzyl Alcohol		NO		NO	
Benzylaminopurine		NO		NO	
Beryllium - Metal Lump		NO		NO	
Beryllium - Powder		NO		NO	
Beryllium Hydroxide					CARC

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Beryllium Oxide					CARC
Beryllium Sulfate					CARC
Bile Salts					
Bismarck Brown Y					
Bismuth - Metal Lump		NO		NO	
Bismuth - Powder					
Bismuth Nitrate	OX	NO		NO	
Bismuth Subnitrate	OX				
Bismuth Trichloride		NO		NO	
Biuret					
Biuret Reagent					
Boric Acid		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Boron Trichloride					
Bouin's Fixative					
Brilliant Cresyl Blue					
Brilliant Green					
Bromine	OX	NO		NO	
Bromine Water		NO		NO	
Bromobenzene		NO		HH	
Bromobutane		NO		HH	
Bromocresol Green		NO		HH	
Bromocresol Purple		NO		HH	
Bromoform		NO		HH	
Bromphenol Blue		NO		HH	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Bromthymol Blue		NO		HH	
Butadiene					
Butanol, 1-		NO	Peroxide	NO	
Butanol, 2-			Peroxide		
Butoxyethanol		NO		NO	
Butyl Acetate		NO		NO	
Butyl Stearate		NO		NO	
Butylated Hydroxytoluene					
Butyraldehyde		NO		NO	
Butyric Acid		NO		NO	
Cadmium - Metal Lump		NO		NO	CARC REPRO
Cadmium - Powder		NO		NO	CARC REPRO
Cadmium Chloride - Anhydrous				NO	CARC REPRO

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Cadmium Chloride - Pentahydrate					
Cadmium Nitrate - Anhydrous	OX	NO		NO	CARC REPRO
Cadmium Nitrate - Tetrahydrate	OX	NO		NO	CARC REPRO
Cadmium Oxide		NO		NO	CARC REPRO
Cadmium Sulfate - Anhydrous		NO		NO	CARC REPRO
Cadmium Sulfate - Octahydrate					CARC REPRO
Caffeine					
Calcium - Metal Lump		WR		NO	
Calcium - Powder		WR		NO	
Calcium Acetate		NO		NO	
Calcium Bromide					
Calcium Carbide		WR		NO	
Calcium Carbonate					
Calcium Chloride		NO		NO	



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Calcium Chloride		NO		NO	
Calcium Cyanide		NO		NO	
Calcium Fluoride					
Calcium Gluconate					
Calcium Hydroxide		NO		NO	
Calcium Hypochlorite	OX	NO		NO	
Calcium Iodide					
Calcium Nitrate - Anhydrous	OX				
Calcium Nitrate - Hydrate	OX				
Calcium Oxide		NO		NO	
Calcium Phosphate, Dibasic					
Calcium Phosphate, Monobasic					
Calcium Phosphate, Tribasic					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Calcium Sulfate - Dihydrate					
Calcium Sulfate - Hemihydrate					
Calcium Sulfide					
Calmagite					
Camphor					
Canadian Balsam					
Canadian Balsam in Xylene					
Carbol Fuchsin					
Carbon		NO		NO	
Carbon Black					
Carbon Disulfide		NO		NO	REPRO
Carbon Monoxide					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Carbon Tetrachloride		NO		HH	CARC
Carbonyl Sulfide					
Carmines					
Carnauba Wax					
Carnoy's Fixative					
Casein					
Catalase					
Catechol		NO		NO	
Cedarwood Oil					
Cellulose					
Cerium Ammonium Nitrate		NO		NO	
Cesium Chloride		NO		NO	
Cetyl Alcohol		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Charcoal		NO		NO	
Chloral Hydrate		NO		NO	
Chloretone					
Chlorine		NO		NO	
Chlorine Trifluoride					
Chlorine Water		NO		NO	
Chlorobenzene		NO		HH	
Chloroethanol		NO		HH	
Chloroform		NO		HH	CARC
Chlorophenol		NO		HH	
Chlorophenol Red		NO		NO	
Chlorophyllin					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Chloroprene			Peroxide		
Chloropromazine					
Chlorosulfonic Acid		WR		HH	
Cholesterol					
Chromatography Solvent					
Chromic Acid	OX				CARC
Chromium - Metal Lump		NO		NO	
Chromium - Powder		NO		NO	
Chromium Chloride - Anhydrous		NO		NO	
Chromium Chloride - Hydrate					
Chromium Nitrate	OX				
Chromium Oxide		NO		NO	
Chromium Potassium Sulfate - Anhydrous		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Chromium Potassium Sulfate - Dodecahydrate					
Chromium Sulfate		NO		NO	
Chromium Trioxide	OX	NO		NO	CARC
Chy-Max					
Cinnamaldehyde					
Citric Acid		NO		NO	
Clayton Yellow					
Clove Oil		NO		NO	
Cobalt - Metal Lump		NO		NO	
Cobalt - Powder					
Cobalt Carbonate					
Cobalt Chloride - Anhydrous					
Cobalt Chloride - Hydrate		NO		HH	
Cobalt Nitrate - Anhydrous	OX	NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Cobalt Nitrate - Hydrate	OX				
Cobalt Oxide		NO		NO	
Cobalt Sulfate		NO		NO	CARC
Colchicine					REPRO
Collodion		EX		NO	
Congo Red					
Copper - Metal Lump					
Copper - Powder					
Copper Acetate - Anhydrous					
Copper Acetate - Hydrate					
Copper Bromide					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Copper Carbonate					
Copper Chloride - Anhydrous		NO		NO	
Copper Chloride - Dihydrate		NO		NO	
Copper Hydroxide					
Copper Nitrate - Anhydrous	OX	NO		NO	
Copper Nitrate - Hemipentahydrate	OX				
Copper Nitrate - Trihydrate	OX	NO		NO	
Copper Sulfate		NO		NO	
Creatine					
Creatinine					
Creosote		NO		NO	CARC



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Cresol		NO		NO	CARC
Cresol Purple					
Cresol Red					
Cresol Red, Sodium Salt					
Crystal Violet		NO		NO	
Cumene		NO	Peroxide	NO	
Cupric Cyanide		TG		NO	
Cupric Oxide					
Cupric Sulfide		TG		NO	
Cuprous Acetate					
Cuprous Chloride		NO		NO	
Cuprous Cyanide		TG		NO	
Cuprous Oxide					
Cuprous Sulphide					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Cyanogen Bromide		TG		HH	
Cyclohexane		NO		NO	
Cyclohexanol		NO	Peroxide	NO	
Cyclohexanone		NO		NO	
Cyclohexene		NO	Peroxide	NO	
Cysteine					
Decanoic Acid		NO		NO	
Denatured Alcohol					
Dextrin					
Dextrose					
Diastase of Malt					
Diatomaceous Earth					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Dibromo-3-chloropropane, 1,2-					
Dibutyl Phthalate		NO		NO	
Dichlorobenzidine					
Dichloroethane		NO		HH	CARC
Dichloroindophenol, Sodium Salt					
Dichlorophenoxy Acetic Acid		NO		HH	
Diethylamine		NO		NO	
Dimethyl Aniline		NO		NO	
Dimethyl Sulfoxide					REPRO
Dimethylaminoazobenzene, 4-					
Dimethylglyoxime					
Dimethylglyoxime Solution					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Dinitrophenol		NO		NO	
Dinitrophenyl Hydrazine		NO		NO	
Dioxane		NO	Peroxide	NO	CARC
Diphenylamine		NO		NO	REPRO
Dithizone					
Dodecanol					
Drierite					
Duplicating Fluid		NO		NO	REPRO
Eosin Y				HH	
Eriochrome Black T					
Erythrosin B		NO		NO	
Estrone					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ethanol		NO		NO	REPRO
Ethanolamine					
Ethidium Bromide					REPRO
Ethoxyethanol					
Ethyl Acetate		NO		NO	
Ethyl Chloride		NO		HH	
Ethyl Ether		NO	Peroxide	NO	
Ethyl Iodide					
Ethyl Nitrate	OX				
Ethylene Glycol		NO		NO	
Ethylene Oxide		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ethylenediamine		NO		NO	
Ethylenediamine Tetraacetic Acid					
Ethyleneimine		NO		NO	
FAA Solution					
Fast Green		NO		NO	
Fehling's Solution A					
Fehling's Solution B					
Ferric Ammonium Citrate					
Ferric Ammonium Sulfate					
Ferric Oxide					
Ferric Sulfate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Ferriin Solution					
Ferrous Oxide					
Ferrous Sulfate, Anhydrous					
Ferrous Sulfate, Heptahydrate					
Fluorescein					
Formaldehyde		NO		NO	CARC REPRO
Formalin		NO		NO	CARC REPRO
Formaldehyde					
Formamide					REPRO
Formic Acid		NO		NO	
Fructose					
Fuchsin Acid					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Fuchsin Basic		NO		NO	
Fuller's Earth					
Fumaric Acid					
Furfural		NO		NO	
Galactose					
Gallium - Metal Lump					
Gastric Juice					
Gelatin					
Gibberellic Acid					
Giemsa Stain					
Giemsa Stain Solution		NO		HH	
Gilson's Fixative					
Glucose					



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Glutaraldehyde (<6%)		NO		NO	
Glutaraldehyde (>6%)		NO		NO	
Glutathione					
Glycerin		NO			
Glycine					
Glycogen					
Glyoxal					
Glyoxal Solution		NO		NO	
Gram's Iodine Stain					
Graphite					
Guaiacol					
Guar Gum					
Gum Arabic					
Gum Rosin					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Gunpowder					
Hayem Diluting Fluid					
Helium					
Hematoxylin					
Heptane		NO		NO	
Hexachlorophene					
Hexamethylenediamine		NO		NO	
Hexamethylenediamine - Sodium Hydroxide Solution		NO		NO	
Hexane		NO		NO	
Hexane/Acetone Aerosol Sprays					
Hexanol		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Hydrazine		EX-explos		NO	CARC
Hydrazine Sulfate		NO		NO	CARC
Hydriodic Acid		NO		NO	
Hydrobromic Acid		WR-water reac		NO	
Hydrochloric Acid (<1 molar)		NO		NO	
Hydrochloric Acid (>6 molar)		NO		NO	
Hydrochloric Acid (1 molar to 6 molar )		NO		NO	
Hydrofluoric Acid		NO		NO	
Hydrogen					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Hydrogen Bromide					
Hydrogen Chloride					
Hydrogen Peroxide ( <4%)		NO		NO	
Hydrogen Peroxide ( 20% to 30% )	OX	NO		NO	
Hydrogen Peroxide ( 4% to 20% )	OX	NO		NO	
Hydrogen Peroxide (>31% )	OX	NO		NO	
Hydrogen Sulfide Gas		NO		NO	
Hydrogen Sulfide Water		NO		NO	
Hydroquinone		NO		NO	
Hydroxy Naphthol Blue					
Hydroxylamine Hydrochloride		NO		NO	
Immersion Oil		NO		NO	
Immersion Oil - Containing PCBs		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Indigo Carmine		NO		NO	
Indigo Dye					
Indole-3-Acetic Acid				NO	
Indole-3-Butyric Acid		NO			
Invertase					
Iodine	OX	NO		NO	
Iodine Potassium Iodide Solution					
Iodine Tincture					
Iron - Metal Lump		NO		NO	
Iron - Powder		NO		NO	
Iron Chloride		NO		NO	
Iron Nitrate - 9 Hydrate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Iron Nitrate - Anhydrous	OX				
Iron Sulfide		TG-tox gas		NO	
Isobutanol		NO		NO	
Isopropanol		NO		NO	
Isopropyl Ether		NO	Peroxide	NO	
Isovaleric Acid		NO		NO	
Janus Green B					
Kaolin					
Kerosene		NO		NO	
Kinetin					
Kleermount in Xylene		NO		NO	
Knop's Solution					
Lactic Acid					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Lactose					
Lanolin					
Lanthanum Nitrate - Anhydrous					
Lanthanum Nitrate - Hexahydrate					
Latex					
Lauric Acid		NO		NO	
Lauroyl Peroxide	OX	OP-org perox		NO	
Lead - Metal Lump		NO		NO	CARC REPRO
Lead - Powder		NO		NO	CARC REPRO
Lead Acetate - Dibasic		NO		NO	CARC REPRO
Lead Acetate - Monobasic					
Lead Arsenate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Lead Bromide					
Lead Carbonate		NO		NO	CARC REPRO
Lead Carbonate - Basic					CARC REPRO
Lead Chloride		NO		NO	CARC REPRO
Lead Chromate	OX	NO		NO	CARC REPRO
Lead Diiodide		NO		NO	CARC REPRO
Lead Dioxide		NO		NO	CARC REPRO
Lead Iodide					CARC REPRO
Lead Monooxide		NO		NO	CARC REPRO



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Lead Nitrate	OX				CARC REPRO
Lead Oxide		NO		NO	CARC REPRO
Lead Sulfate		NO		NO	CARC REPRO
Lead Sulfide					CARC REPRO
Lead Tetroxide		NO		NO	CARC REPRO
Levulose					
Limewater		NO		NO	
Linseed Oil					
Lipase					
Lithium - Metal Lump		NO		NO	
Lithium - Powder		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Lithium Aluminum Hydride		WR		NO	
Lithium Carbonate		NO		NO	REPRO
Lithium Chloride		NO		NO	
Lithium Fluoride		NO		NO	
Lithium Hydroxide - Anhydrous		NO		NO	
Lithium Hydroxide - Monohydrate					
Lithium Nitrate	OX	NO		NO	
Lithium Sulfate - Anhydrous					
Lithium Sulfate - Hydrate					
Litmus					
Lugol's Iodine					
Lull-A-Fly					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Luminol					
Lycopodium					
Lysine HCl					
Lysozyme					
Magnesium - Metal Lump		NO		NO	
Magnesium - Powder		NO		NO	
Magnesium Acetate					
Magnesium Bromide - Anhydrous					
Magnesium Bromide - Hexahydrate					
Magnesium Carbonate - Anhydrous					
Magnesium Carbonate - Hydrate					
Magnesium Chloride - Anhydrous		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Magnesium Chloride - Hexahydrate					
Magnesium Hydroxide					
Magnesium Nitrate - Anhydrous	OX				
Magnesium Nitrate - Hexahydrate	OX	NO		NO	
Magnesium Oxide					
Magnesium Perchlorate	OX	WR		NO	
Magnesium Sulfate					
Malachite Green		NO		NO	
Maleic Acid		NO		NO	
Malonic Acid		NO		NO	
Maltose, D- - Anhydrous					
Maltose, D- - Monohydrate					
Manganese - Metal Lump		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Manganese - Powder		NO		NO	
Manganese (II) Chloride - Anhydrous					REPRO
Manganese (II) Chloride Tetrahydrate		NO		NO	REPRO
Manganese (II) Nitrate - Anhydrous	OX				
Manganese (II) Nitrate - Tetrahydrate	OX				
Manganese (II) Sulfate - Anhydrous					
Manganese (II) Sulfate - Monohydrate					
Manganese Carbonate					
Manganese Peroxide	OX				

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Mannitol					
Menthol		NO		NO	
Mercaptoethanol		TG		NO	
Mercuric Bichloride					REPRO
Mercuric Chloride		NO		NO	REPRO
Mercuric Iodide		NO		NO	REPRO
Mercuric Nitrate monohydrate	OX				REPRO
Mercuric Sulfate					REPRO
Mercurochrome		NO		NO	REPRO
Mercurous Chloride		NO		NO	REPRO
Mercurous Nitrate	OX			NO	REPRO
Mercurous Nitrate (mercury (I) nitrate)	OX	NO		NO	REPRO

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Mercurous Sulfate					REPRO
Mercury - Elemental		NO		NO	REPRO
Mercury Oxide		NO		NO	REPRO
Mercury Sulfide		NO		NO	REPRO
Mercury Thermometers		NO		NO	REPRO
Methanol		NO		NO	REPRO
Methionine					
Methoxyethanol					REPRO
Methyl Blue					
Methyl Bromide					
Methyl Cellulose					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Methyl Ethyl Ketone		NO		NO	
Methyl Green					
Methyl Iodide		NO		HH	CARC
Methyl Isobutyl Ketone		NO		NO	
Methyl Isocyanate		NO		NO	
Methyl Isopropyl Ketone		NO		NO	
Methyl Mercaptan					
Methyl Methacrylate		NO		NO	
Methyl Orange					
Methyl Paraben		NO		NO	
Methyl Red					
Methyl Red - Sodium Salt					
Methyl Salicylate		NO		NO	



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Methyl Tert-Butyl Ether		NO	Peroxide	NO	
Methyl Violet		NO		NO	
Methylamine		NO		NO	
Methylchloromethyl Ether					
Methylene Blue		NO		NO	
Methylene Chloride		NO		HH	
Millon's Reagent					
Mineral Oil					
Molisch Reagent					
Molybdenum - Metal Lump					
Molybdenum - Powder					
Molybdenum Oxide					
Molybdenum Trioxide					
Monosodium Glutamate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Murexide					
Muriatic Acid		NO		NO	
Naphthalene		NO		NO	CARC
Naphthalene Acetic Acid		NO		NO	
Naphthol, 1-		NO		NO	
Naphthol, 2-					
Naphthol-6-Sulfonic Acid - Sodium Salt					
Naphthylamine		NO		NO	CARC
Naphthylethylenediamine Dihydrochloride					
Neodymium Chloride					
Nessler's Reagent					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Neutral Red					
Niacin					
Nickel - Metal Lump				NO	CARC
Nickel - Powder				NO	CARC
Nickel Acetate		NO		NO	CARC
Nickel Ammonium Sulfate					CARC
Nickel Chloride - Anhydrous		NO		NO	CARC
Nickel Chloride - Hexahydrate					CARC
Nickel Monoxide					CARC
Nickel Nitrate - Anhydrous	OX	NO		NO	CARC
Nickel Nitrate - Hexahydrate	OX				CARC

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Nickel Sulfate - Anhydrous		NO		NO	CARC
Nickel Sulfate - Hexahydrate					CARC
Nickel Trioxide					CARC
Nicotine		NO		NO	REPRO
Nigrosin					
Ninhydrin		NO		NO	
Nitric Acid (<1 molar)	OX			NO	
Nitric Acid (>6 molar)	OX			NO	
Nitric Acid (1 molar to 6 molar)	OX			NO	
Nitrilotriacetic Acid		NO		NO	CARC
Nitroacetanilide					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Nitrobenzaldehyde					
Nitrobenzene	OX	NO		NO	CARC REPRO
Nitrocellulose					
Nitrogen					
Nitrogen Triiodide					
Nitroglycerin		EX		NO	
Nitrophenol, 3-		NO		NO	
Nitrophenol, 4-		NO		NO	
Nitrophenylazo Resorcinol					
Nitrosodimethylamine, N-					
Octadecanol					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Octanol, 1-		NO	Peroxide	NO	
Octanol, 2-			Peroxide		
Octyl Phenol					
Oleic Acid					
Onion's Fusible Alloy					
Orange G					
Orange IV					
Orcein					
Orcinol		NO		NO	
Ortho-dichlorobenzene		NO		HH	
Osmium Tetroxide	yes?	NO		NO	
Oxalic Acid - Anhydrous		NO		NO	
Oxalic Acid - Dihydrate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Oxygen	OX	NO		NO	
Palmitic Acid					
Pancreatin					
Papain					
Para-dichlorobenzene		NO		HH	
Paraffin					
Paraformaldehyde		NO		NO	
Paraldehyde		NO		NO	
Paris Green					
Penicillin G Sodium					
Pentachlorophenol		NO		HH	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Pentane		NO		NO	
Pentanol, 1-		NO		NO	
Pentanol, 2-		NO	Peroxide	NO	
Peppermint Oil					
Pepsin					
Peptone					
Perchloric Acid	OX	NO		NO	
Perchloroethylene		NO		HH	CARC
Permunt					
Petrolatum					
Petroleum Ether		NO		NO	



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
pH 10 Buffer - Ammonium Hydroxide					
pH 10 Buffer - Borate					
pH 10 Buffer - Clear					
pH 4 Buffer - Acetate					
pH 4 Buffer - Biphthalate					
pH 7 Buffer - Phosphate					
pH 7.4 Buffer - Tris					
Phenanthroline					
Phenol		NO		NO	CARC REPRO
Phenol Red					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Phenolphthalein					
Phenolphthalein - Ethanol Solution					
Phenyl Salicylate					
Phenylarsine Oxide - Solid					CARC
Phenylarsine Oxide - Solution					CARC
Phenylhydrazine Hydrochloride					
Phenylthiocarbamide		NO		NO	
Phloroglucinol		NO		NO	
Phosphomolybdic Acid	OX	NO		NO	
Phosphoric Acid (<1 molar)		NO		NO	
Phosphoric Acid (>6 molar)		NO		NO	
Phosphoric Acid (1 molar to 6 molar)		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Phosphorus - Red		NO		NO	
Phosphorus - White		NO		NO	
Phosphorus - Yellow		NO		NO	
Phosphorus Pentasulfide		WR		NO	
Phosphorus Pentoxide	OX	WR		NO	
Phosphorus Trichloride					
Phthalic Anhydride		NO		NO	
Physostigmine		NO		NO	
Picric Acid		NO		NO	
Polyethylene Glycol					
Polyurethane Foam - Part A					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Polyurethane Foam – Part B					
Polyvinyl Alcohol					
Potassium - 0.5 gram Chips			Peroxide		
Potassium - Chunks			Peroxide		
Potassium Acetate		NO		NO	
Potassium Bicarbonate					
Potassium Binoxalate					
Potassium Bisulfate					
Potassium Bitartrate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Potassium Bromate	OX	NO		NO	
Potassium Bromide					
Potassium Carbonate - Anhydrous		NO		NO	
Potassium Carbonate - Sesquahydrate					
Potassium Chlorate	OX	NO		NO	
Potassium Chloride		NO		NO	
Potassium Chromate	OX	NO		NO	CARC
Potassium Citrate					
Potassium Cyanide		NO		NO	
Potassium Dichromate	OX	NO		NO	CARC

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Potassium Ferricyanide					
Potassium Ferrocyanide					
Potassium Fluoride		NO		NO	
Potassium Hydrogen Phthalate					
Potassium Hydroxide - Solid		NO		NO	
Potassium Hydroxide (<1 molar)		NO		NO	
Potassium Hydroxide (>6 molar)		NO		NO	
Potassium Hydroxide (1 molar to 6 molar)		NO		NO	
Potassium Iodate	OX	NO		NO	
Potassium Iodide		NO			
Potassium Nitrate		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Potassium Nitrite	OX	NO		NO	
Potassium Oxalate					
Potassium Perchlorate	OX	NO		NO	
Potassium Periodate	OX	NO		NO	
Potassium Permanganate	OX	NO		NO	
Potassium Peroxide	OX				
Potassium Persulfate	OX	NO		NO	
Potassium Phosphate - Dibasic					
Potassium Phosphate - Monobasic					
Potassium Phosphate - Tribasic					
Potassium Sodium Tartrate					
Potassium Sulfate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Potassium Sulfide		EX		NO	
Potassium Tartrate					
Potassium Thiocyanate		NO		NO	
Praseodymium Chloride					
Propane		NO		NO	
Propanol		NO	Peroxide	NO	
Propiolactone, b-					
Propionic Acid		NO		NO	
Propylene Glycol					
Pyridine		NO		NO	
Pyrogallol					
Quinine Sulfate					
Resazurin					
Resorcinol		NO		NO	



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Rhodamine B					
Ringer's Solution					
Rose Bengal		NO		HH	
Safranin O		NO		HH	
Safranin Staining Solution					
Salicylic Acid				NO	
Schiff Reagent					
Sebacoyl Chloride		WR		NO	
Sebacoyl Chloride/Hexane Solution					
Selenium - Metal Lump		NO		NO	
Selenium - Powder		NO		NO	
Silica Gel					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Silicon		NO		NO	
Silicon Oil					
Silicon Tetrafluoride					
Silver - Metal Lump					
Silver Acetate		NO		NO	
Silver Chloride		NO		NO	
Silver Cyanide		NO		NO	
Silver Nitrate		NO		NO	
Silver Oxide	OX	NO		NO	
Silver Sulfate		NO		NO	
Soda Lime		NO		NO	
Sodium - 0.5 Gram Pieces		WR	Peroxide	NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium - Chunks		WR	Peroxide	NO	
Sodium Acetate - Anhydrous					
Sodium Acetate - Hydrate		NO		NO	
Sodium Alginate					
Sodium Arsenate					CARC REPRO
Sodium Arsenite		NO		NO	CARC REPRO
Sodium Azide		NO		NO	
Sodium Benzoate		NO		NO	
Sodium Bicarbonate	OX	NO		NO	
Sodium Bifluoride					
Sodium Bismuthate	OX	NO		NO	
Sodium Bisulfate - Anhydrous		NO		NO	
Sodium Bisulfate - Monohydrate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Bisulfite		NO		NO	
Sodium Borate					
Sodium Borohydride		WR		NO	
Sodium Bromate	OX	NO		NO	
Sodium Bromide		NO		NO	
Sodium Carbonate		NO		NO	
Sodium Chlorate		NO		NO	
Sodium Chloride				NO	
Sodium Chromate - Anhydrous	OX	NO		NO	CARC
Sodium Chromate - Tetrahydrate	OX				CARC
Sodium Citrate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Cobaltinitrite					
Sodium Cyanide		TG		NO	
Sodium Deoxycholate					
Sodium Dichloroindophenol					
Sodium Dichromate - Anhydrous	OX	NO		NO	CARC
Sodium Dichromate - Dihydrate	OX				CARC
Sodium Diphenylamine Sulfonate					
Sodium Dithionite					
Sodium Ferricyanide					
Sodium Ferrocyanide		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Fluoride		NO		NO	
Sodium Fluoroacetate					
Sodium Hexametaphosphate					
Sodium Hydroxide - Solid		NO		NO	
Sodium Hydroxide - solution (<1 molar)		NO		NO	
Sodium Hydroxide - solution (>6 molar )		NO		NO	
Sodium Hydroxide - solution (1 M to 6 M)		NO		NO	
Sodium Hypochlorite - Solution (<6%)					
Sodium Hypochlorite - Solution (>6%)					
Sodium Iodate	OX	NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Iodide	OX	NO		NO	
Sodium Lactate					
Sodium Lauryl Sulfate		NO		NO	
Sodium Metabisulfite					
Sodium Metasilicate		NO		NO	
Sodium Molybdate - Anhydrous					
Sodium Molybdate - Dihydrate		NO		NO	
Sodium Nitrate	OX	NO		NO	
Sodium Nitrite	OX	NO		NO	
Sodium Nitroferricyanide		TG		NO	
Sodium Oleate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Oxalate					
Sodium Perborate	OX				
Sodium Perchlorate	OX	EX		NO	
Sodium Peroxide	OX	EX		NO	
Sodium Phosphate - Dibasic - Anhydrous					
Sodium Phosphate - Dibasic - Heptahydrate					
Sodium Phosphate - Monobasic					
Sodium Phosphate - Tribasic		NO			
Sodium Polyacrylate					
Sodium Rhodizonate					
Sodium Salicylate		NO		NO	
Sodium Silicate		NO		NO	



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sodium Sulfamate					
Sodium Sulfate					
Sodium Sulfide		TG		NO	
Sodium Sulfite					
Sodium Tartrate Anhydrous					
Sodium Tartrate Dihydrate					
Sodium Thiocyanate		TG		NO	
Sodium Thiosulfate - Anhydrous					
Sodium Thiosulfate - Pentahydrate					
Sodium Tungstate					
Stannic Chloride		NO		NO	
Stannous Chloride		NO		NO	
Starch					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Stearic Acid - Laboratory Grade					
Stearic Acid - Reagent Grade		NO		NO	
Streptomycin Sulfate		NO		NO	
Strontium		WR		NO	
Strontium Bromide					
Strontium Carbonate					
Strontium Chloride					
Strontium Hydroxide Octahydrate					
Strontium Hydroxide Solution					
Strontium Nitrate		NO		NO	
Strychnine		NO		NO	
Styrene		NO		NO	
Succinic Acid					
Sucrose					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sudan III					
Sudan III Solution					
Sudan IV					
Sudan IV Solution					
Sudan Yellow					
Sulfamic Acid		NO		NO	
Sulfanilamide		NO		NO	
Sulfanilic Acid					
Sulfosalicylic Acid		NO		NO	
Sulfur - Precipitated					
Sulfur Dioxide		NO		NO	
Sulfur Hexafluoride					
Sulfurated Potash					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Sulfuric Acid (<1 molar)	Yes?	NO		NO	
Sulfuric Acid (>6 molar)	Yes?	NO		NO	
Sulfuric Acid (1 molar to 6 molar)	Yes?	NO		NO	
Talc					
Tannic Acid		NO		NO	
Tartaric Acid					
Tert-Butanol		NO	Peroxide	NO	
Testosterone					
Testosterone Propionate					
Tetrabromoethane					
Tetracycline Hydrochloride					
Tetrafluoroethylene					
Tetrahydrofuran		NO	Peroxide	NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Tetramethyl-p-phenylenediamine Dihydrochloride					
Thallium					
Thermit					
Thermit Igniting Sticks					
Thiamine Hydrochloride					
Thimerosal		NO		NO	
Thioacetamide		NO		NO	CARC
Thionin					
Thionyl Chloride		NO		NO	
Thiourea		NO		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Thorium Nitrate	OX				
Thymol		NO		NO	
Thymol Blue					
Thymolphthalein					
Thymolphthalein Solution					
Thyroxine					
Tin - Metal Lump		NO		NO	
Tin - Powder		NO		NO	
Tin Oxide					
Titanium Dioxide					
Titanium Tetrachloride		WR		NO	
Titanium Trichloride		PY		NO	

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Tollen's Reagent					
Toluene		NO		NO	REPRO
Toluidine Blue O		NO		HH	
Toluidine, o-					
Tricaine Methanesulfonate					
Trichloroacetic Acid		NO		HH	
Trichloroethane					
Trichloroethylene		NO		HH	CARC
Trichlorotrifluoroethane		NO		HH	
Triethanolamine					
Triethyl Phosphate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Triethylamine					
Trimethylamine					
Trinitrobenzene		NO		NO	
Trinitrotoluene		NO		NO	
Triphenyl Tetrazolium Chloride					
Tris-Hydroxymethyl Aminomethane		NO		NO	
Triton X-100					
Turpentine		NO		NO	
Tyrosine					
Universal Indicator					
Uranium					
Uranyl Acetate					
Uranyl Nitrate	OX				



Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Urea					
Urease					
Urethane		NO		NO	REPRO
Vanadium Pentoxide		NO		NO	
Vegetable Oil					
Vinyl Chloride					
Vinyl Ether					
Winkler's Solution #1					
Winkler's Solution #2					
Wood's Metal					
Wright's Stain					
Wright's Stain Solution					
Xylene		NO		NO	
Xylose					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Yttrium Oxide					
Zenker's Fixative					
Zeolite					
Zinc - Metal Lump		NO		NO	
Zinc - Powder		NO		NO	
Zinc Acetate		NO		NO	
Zinc Carbonate					
Zinc Carbonate - Basic					
Zinc Chloride		NO		NO	REPRO
Zinc Nitrate - Anhydrous	OX	NO		NO	
Zinc Nitrate - Hexahydrate	OX				
Zinc Oxide					
Zinc Stearate					

Chemical Name	Oxidizer	Reactive	Peroxide Former	Persistence	Reproductive Hazard
Zinc Sulfate - 7-Hydrate					
Zinc Sulfate - Anhydrous					
Zinc Sulfate - Monohydrate					
Zinc Sulfide		TG		NO	
Zirconium Tetranitrate	OX				

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Abscisic Acid					
Acetal		D001			
Acetaldehyde		D001	D003	U001	
Acetamide					
Acetanilide					
Acetic Acid (<1 Molar)					
Acetic Acid (>6 Molar)		D001	D002		
Acetic Acid (1 Molar to 6 Molar)		D002			
Acetic Anhydride		D001	D002		
Aceto Carmine					
Acetone		D001	F003	U002	
Acetonitrile		D001	U003		
Aceto-Orcein Solution					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Acetyl Chloride		D001	D002	U006	
Acetylcholine Bromide					
Acetylcholine Bromide Solution					
Acetylcholine Chloride					
Acetylcholine Chloride Solution					
Acetylene					
Acetylsalicylic Acid					
Acridine Orange					
Acrolein					
Acrylamide					
Acrylic Acid		D001	D002	U008	
Acrylonitrile		D001	D003	U009	

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Adenine					
Adenosine Triphosphate					
Adipic Acid					
Adipoyl Chloride					
Adipoyl Chloride - Hexane Solution					
Adrenaline		P042			
Adrenaline Chloride Solution					
Agar					
Agarose					
Aitch-tu-ess Cartridges					
Alanine, DL-					
Alanine, L-					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Albumin					
Alconox					
Alizarin					
Alizarin Red S					
Alizarin Yellow R					
Alkaline Iodide Azide					
Alkaline Potassium Iodide					
Allyl Chloride					
Aluminon					
Aluminum - Metal Lump		D001	D003		
Aluminum - Powder		D001	D003		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Aluminum Ammonium Sulfate					
Aluminum Chloride - Anhydrous		D002	D003		
Aluminum Chloride - Hexahydrate					
Aluminum Hydroxide					
Aluminum Nitrate - Anhydrous					
Aluminum Nitrate - Nonahydrate		D001			
Aluminum Oxide					
Aluminum Potassium Sulfate					
Aluminum Sodium Sulfate					
Aluminum Sulfate - 18 hydrate					
Aluminum Sulfate - Anhydrous					
Aminodiphenyl, 4-					
Ammonium Acetate					



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ammonium Bicarbonate					
Ammonium Bifluoride		D002			
Ammonium Bromide					
Ammonium Carbonate					
Ammonium Chloride					
Ammonium Chromate					
Ammonium Citrate					
Ammonium Dichromate		D001	D007		
Ammonium Fluoride					
Ammonium Hydroxide (<1 Molar)		D002			
Ammonium Hydroxide (>6 Molar)		D002			
Ammonium Hydroxide (1 Molar to 6 Molar)		D002			
Ammonium Iodide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ammonium Metavanadate		P119			
Ammonium Molybdate					
Ammonium Nitrate		D001			
Ammonium Nitrite					
Ammonium Oxalate - Anhydrous					
Ammonium Oxalate - Monohydrate					
Ammonium Perchlorate		D001	D003		
Ammonium Persulfate		D001			
Ammonium Phosphate - Dibasic					
Ammonium Phosphate - Monobasic					
Ammonium Polysulfide					
Ammonium Sulfate					
Ammonium Sulfide		D001	D003		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ammonium Tartrate		NC			
Ammonium Thiocyanate					
Amyl Acetate		D001			
Amylase					
Anasol					
Anhydrous Ammonia		D002			
Aniline		U012			
Aniline Acetate					
Aniline Blue					
Aniline Hydrochloride					
Anthracene					
Anthranilic Acid					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Antimony - Metal Lump					
Antimony - Powder					
Antimony Potassium Tartrate					
Antimony Trichloride		D002			
Arabinose					
Arginine					
Arsenic - Metal Lump					
Arsenic - Powder					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Arsenic Trioxide		D004	P012		
Arsine					
Asbestos					
Ascarite		D002			
Ascorbic Acid					
Asparagine					
Aspartic Acid					
Barfoed Reagent					
Barium - Metal Lump					
Barium - Powder					
Barium Acetate		D005			
Barium Carbonate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Barium Chloride		D005			
Barium Chromate		D005	D007		
Barium Hydroxide					
Barium Nitrate		D001	D005		
Barium Peroxide		D001	D005		
Barium Sulfate		D005			
Benedict's Reagent					
Benzaldehyde					
Benzene		D001	D018	F005	U019

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Benzidine		U021			
Benzoic Acid					
Benzoin					
Benzonitrile					
Benzophenone					
Benzoyl Chloride		D002	D003		
Benzoyl Peroxide					
Benzyl Alcohol					
Benzylaminopurine					
Beryllium - Metal Lump		D001	P015		
Beryllium - Powder		D001	P015		
Beryllium Hydroxide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Beryllium Oxide					
Beryllium Sulfate					
Bile Salts					
Bismarck Brown Y					
Bismuth - Metal Lump		D001			
Bismuth - Powder					
Bismuth Nitrate		D001			
Bismuth Subnitrate					
Bismuth Trichloride					
Biuret					
Biuret Reagent					
Boric Acid					



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Boron Trichloride					
Bouin's Fixative					
Brilliant Cresyl Blue					
Brilliant Green					
Bromine		D002			
Bromine Water		D002			
Bromobenzene		D001			
Bromobutane		D001			
Bromocresol Green					
Bromocresol Purple					
Bromoform		U225			
Bromphenol Blue					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Bromthymol Blue					
Butadiene					
Butanol, 1-		D001	F003	U031	
Butanol, 2-					
Butoxyethanol		D001			
Butyl Acetate		D001			
Butyl Stearate					
Butylated Hydroxytoluene					
Butyraldehyde		D001			
Butyric Acid		D002			
Cadmium - Metal Lump		D006			
Cadmium - Powder		D006			
Cadmium Chloride - Anhydrous		D006			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Cadmium Chloride - Pentahydrate					
Cadmium Nitrate - Anhydrous					
Cadmium Nitrate - Tetrahydrate		D001	D006		
Cadmium Oxide		D006			
Cadmium Sulfate - Anhydrous		D006			
Cadmium Sulfate - Octahydrate					
Caffeine					
Calcium - Metal Lump		D001	D003		
Calcium - Powder		D001	D003		
Calcium Acetate					
Calcium Bromide					
Calcium Carbide		D001	D003		
Calcium Carbonate					
Calcium Chloride					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Calcium Chloride					
Calcium Cyanide		P098			
Calcium Fluoride					
Calcium Gluconate					
Calcium Hydroxide		D002			
Calcium Hypochlorite		D001			
Calcium Iodide					
Calcium Nitrate - Anhydrous					
Calcium Nitrate - Hydrate					
Calcium Oxide		D002			
Calcium Phosphate, Dibasic					
Calcium Phosphate, Monobasic					
Calcium Phosphate, Tribasic					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Calcium Sulfate - Dihydrate					
Calcium Sulfate - Hemihydrate					
Calcium Sulfide					
Calmagite					
Camphor					
Canadian Balsam					
Canadian Balsam in Xylene					
Carbol Fuchsin					
Carbon		D001			
Carbon Black					
Carbon Disulfide		D001	F005	P022	
Carbon Monoxide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Carbon Tetrachloride		D019	U211		
Carbonyl Sulfide					
Carmine					
Carnauba Wax					
Carnoy's Fixative					
Casein					
Catalase					
Catechol					
Cedarwood Oil					
Cellulose					
Cerium Ammonium Nitrate		D001			
Cesium Chloride					
Cetyl Alcohol					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Charcoal		D001			
Chloral Hydrate					
Chloretone					
Chlorine		D001	D002		
Chlorine Trifluoride					
Chlorine Water		D001	D002		
Chlorobenzene		D001	D021	F002	U037
Chloroethanol					
Chloroform		D022	U044		
Chlorophenol		D002			
Chlorophenol Red					
Chlorophyllin					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Chloroprene					
Chlorpromazine					
Chlorosulfonic Acid		D002	D003		
Cholesterol					
Chromatography Solvent					
Chromic Acid					
Chromium - Metal Lump		D007			
Chromium - Powder		D007			
Chromium Chloride - Anhydrous		D007			
Chromium Chloride - Hydrate					
Chromium Nitrate					
Chromium Oxide		D007			
Chromium Potassium Sulfate - Anhydrous		D007			



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Chromium Potassium Sulfate - Dodecahydrate					
Chromium Sulfate		D007			
Chromium Trioxide		D001	D002	D007	
Chy-Max					
Cinnamaldehyde					
Citric Acid					
Clayton Yellow					
Clove Oil					
Cobalt - Metal Lump		D001			
Cobalt - Powder					
Cobalt Carbonate					
Cobalt Chloride - Anhydrous					
Cobalt Chloride - Hydrate					
Cobalt Nitrate - Anhydrous		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Cobalt Nitrate - Hydrate					
Cobalt Oxide					
Cobalt Sulfate					
Colchicine					
Collodion		D001	D003		
Congo Red					
Copper - Metal Lump					
Copper - Powder					
Copper Acetate - Anhydrous					
Copper Acetate - Hydrate					
Copper Bromide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Copper Carbonate					
Copper Chloride - Anhydrous					
Copper Chloride - Dihydrate					
Copper Hydroxide					
Copper Nitrate - Anhydrous		D001			
Copper Nitrate - Hemipentahydrate					
Copper Nitrate - Trihydrate		D001			
Copper Sulfate					
Creatine					
Creatinine					
Creosote		U051			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Cresol		D026	F004	U052	
Cresol Purple					
Cresol Red					
Cresol Red, Sodium Salt					
Crystal Violet					
Cumene		D001	U055		
Cupric Cyanide					
Cupric Oxide					
Cupric Sulfide		D003			
Cuprous Acetate					
Cuprous Chloride		D002			
Cuprous Cyanide		D003	P029		
Cuprous Oxide					
Cuprous Sulphide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Cyanogen Bromide		D003	U246		
Cyclohexane		D001	U056		
Cyclohexanol					
Cyclohexanone		D001	F003	U057	
Cyclohexene		D001			
Cysteine					
Decanoic Acid					
Denatured Alcohol					
Dextrin					
Dextrose					
Diastase of Malt					
Diatomaceous Earth					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Dibromo-3-chloropropane, 1,2-					
Dibutyl Phthalate		U069			
Dichlorobenzidine					
Dichloroethane		D001	D028	U077	
Dichloroindophenol, Sodium Salt					
Dichlorophenoxy Acetic Acid		D016	U240		
Diethylamine		D001	D002		
Dimethyl Aniline					
Dimethyl Sulfoxide					
Dimethylaminoazobenzene, 4-					
Dimethylglyoxime					
Dimethylglyoxime Solution					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Dinitrophenol		P048			
Dinitrophenyl Hydrazine		D001	D003		
Dioxane		D001	U108		
Diphenylamine					
Dithizone					
Dodecanol					
Drierite					
Duplicating Fluid		D001	F003	U154	
Eosin Y					
Eriochrome Black T					
Erythrosin B					
Estrone					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ethanol		D001			
Ethanolamine					
Ethidium Bromide					
Ethoxyethanol					
Ethyl Acetate		D001	F003	U112	
Ethyl Chloride		D001			
Ethyl Ether		D001	F003	U117	
Ethyl Iodide					
Ethyl Nitrate					
Ethylene Glycol					
Ethylene Oxide		D001	U115		



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ethylenediamine		D001	D002		
Ethylenediamine Tetraacetic Acid					
Ethyleneimine		D001	P054		
FAA Solution					
Fast Green					
Fehling's Solution A					
Fehling's Solution B					
Ferric Ammonium Citrate					
Ferric Ammonium Sulfate					
Ferric Oxide					
Ferric Sulfate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Ferriin Solution					
Ferrous Oxide					
Ferrous Sulfate, Anhydrous					
Ferrous Sulfate, Heptahydrate					
Fluorescein					
Formaldehyde		U122			
Formalin		U122			
Formalternate					
Formamide					
Formic Acid		D002	U123		
Fructose					
Fuchsin Acid					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Fuchsin Basic					
Fuller's Earth					
Fumaric Acid					
Furfural		D001	U125		
Galactose					
Gallium - Metal Lump					
Gastric Juice					
Gelatin					
Gibberellic Acid					
Giemsa Stain					
Giemsa Stain Solution		D001			
Gilson's Fixative					
Glucose					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Glutaraldehyde (<6%)					
Glutaraldehyde (>6%)					
Glutathione					
Glycerin					
Glycine					
Glycogen					
Glyoxal					
Glyoxal Solution					
Gram's Iodine Stain					
Graphite					
Guaiacol					
Guar Gum					
Gum Arabic					
Gum Rosin					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Gunpowder					
Hayem Diluting Fluid					
Helium					
Hematoxylin					
Heptane		D001			
Hexachlorophene					
Hexamethylenediamine		D002			
Hexamethylenediamine - Sodium Hydroxide Solution		D002			
Hexane		D001			
Hexane/Acetone Aerosol Sprays					
Hexanol		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Hydrazine		D001	D003	U133	
Hydrazine Sulfate		D002			
Hydriodic Acid		D002			
Hydrobromic Acid		D002	D003		
Hydrochloric Acid (<1 molar)		D002			
Hydrochloric Acid (>6 molar)		D002			
Hydrochloric Acid (1 molar to 6 molar )		D002			
Hydrofluoric Acid		D002	U134		
Hydrogen					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Hydrogen Bromide					
Hydrogen Chloride					
Hydrogen Peroxide ( <4%)					
Hydrogen Peroxide ( 20% to 30% )		D001			
Hydrogen Peroxide ( 4% to 20% )		D001			
Hydrogen Peroxide (>31% )		D001			
Hydrogen Sulfide Gas		D001	U135		
Hydrogen Sulfide Water		D001	U135		
Hydroquinone					
Hydroxy Naphthol Blue					
Hydroxylamine Hydrochloride		D002			
Immersion Oil					
Immersion Oil - Containing PCBs					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Indigo Carmine					
Indigo Dye					
Indole-3-Acetic Acid		NC	ND		
Indole-3-Butyric Acid					
Invertase					
Iodine		D002			
Iodine Potassium Iodide Solution					
Iodine Tincture					
Iron - Metal Lump		D001			
Iron - Powder		D001			
Iron Chloride		D002			
Iron Nitrate - 9 Hydrate					



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Iron Nitrate - Anhydrous					
Iron Sulfide		D003			
Isobutanol		D001	U140		
Isopropanol		D001			
Isopropyl Ether		D001			
Isovaleric Acid		D002			
Janus Green B					
Kaolin					
Kerosene					
Kinetin					
Kleermount in Xylene		D001	F003		
Knop's Solution					
Lactic Acid					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Lactose					
Lanolin					
Lanthanum Nitrate - Anhydrous					
Lanthanum Nitrate - Hexahydrate					
Latex					
Lauric Acid		D002			
Lauroyl Peroxide		D001			
Lead - Metal Lump		D008			
Lead - Powder		D008			
Lead Acetate - Dibasic		D008	U144		
Lead Acetate - Monobasic					
Lead Arsenate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Lead Bromide					
Lead Carbonate		D008			
Lead Carbonate - Basic					
Lead Chloride		D008			
Lead Chromate		D007	D008		
Lead Diiodide		D008			
Lead Dioxide		D008			
Lead Iodide					
Lead Monooxide		D008			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Lead Nitrate					
Lead Oxide		D008			
Lead Sulfate		D008			
Lead Sulfide					
Lead Tetroxide		D008			
Levulose					
Limewater		D002			
Linseed Oil					
Lipase					
Lithium - Metal Lump		D001	D003		
Lithium - Powder		D001	D003		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Lithium Aluminum Hydride		D001	D003		
Lithium Carbonate					
Lithium Chloride					
Lithium Fluoride					
Lithium Hydroxide - Anhydrous		D002			
Lithium Hydroxide - Monohydrate					
Lithium Nitrate		D001			
Lithium Sulfate - Anhydrous					
Lithium Sulfate - Hydrate					
Litmus					
Lugol's Iodine					
Lull-A-Fly					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Luminol					
Lycopodium					
Lysine HCl					
Lysozyme					
Magnesium - Metal Lump		D001			
Magnesium - Powder		D001			
Magnesium Acetate					
Magnesium Bromide - Anhydrous					
Magnesium Bromide - Hexahydrate					
Magnesium Carbonate - Anhydrous					
Magnesium Carbonate - Hydrate					
Magnesium Chloride - Anhydrous					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Magnesium Chloride - Hexahydrate					
Magnesium Hydroxide					
Magnesium Nitrate - Anhydrous					
Magnesium Nitrate - Hexahydrate		D001			
Magnesium Oxide					
Magnesium Perchlorate		D001	D003		
Magnesium Sulfate					
Malachite Green					
Maleic Acid		D002			
Malonic Acid					
Maltose, D- - Anhydrous					
Maltose, D- - Monohydrate					
Manganese - Metal Lump		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Manganese - Powder		D001			
Manganese (II) Chloride - Anhydrous					
Manganese (II) Chloride Tetrahydrate					
Manganese (II) Nitrate - Anhydrous					
Manganese (II) Nitrate - Tetrahydrate					
Manganese (II) Sulfate - Anhydrous					
Manganese (II) Sulfate - Monohydrate					
Manganese Carbonate					
Manganese Peroxide					



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Mannitol					
Menthol					
Mercaptoethanol					
Mercuric Bichloride					
Mercuric Chloride		D009			
Mercuric Iodide		D009			
Mercuric Nitrate monohydrate					
Mercuric Sulfate					
Mercurochrome		D009			
Mercurous Chloride		D009			
Mercurous Nitrate		D001	D009		
Mercurous Nitrate (mercury (I) nitrate)		D009			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Mercurous Sulfate					
Mercury - Elemental		D009			
Mercury Oxide		D009			
Mercury Sulfide		D009			
Mercury Thermometers		D009			
Methanol		D001	F003	U154	
Methionine					
Methoxyethanol					
Methyl Blue					
Methyl Bromide					
Methyl Cellulose					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Methyl Ethyl Ketone		D001	D035	F005	U159
Methyl Green					
Methyl Iodide		U138			
Methyl Isobutyl Ketone		D001	F003	U161	
Methyl Isocyanate		D001	D003	P064	
Methyl Isopropyl Ketone		D001			
Methyl Mercaptan					
Methyl Methacrylate		D001	U162		
Methyl Orange					
Methyl Paraben					
Methyl Red					
Methyl Red - Sodium Salt					
Methyl Salicylate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Methyl Tert-Butyl Ether		D001			
Methyl Violet					
Methylamine		D001	D002		
Methylchloromethyl Ether					
Methylene Blue					
Methylene Chloride		F001	F002	U080	
Millon's Reagent					
Mineral Oil					
Molisch Reagent					
Molybdenum - Metal Lump					
Molybdenum - Powder					
Molybdenum Oxide					
Molybdenum Trioxide					
Monosodium Glutamate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Murexide					
Muriatic Acid		D002			
Naphthalene		D001	U165		
Naphthalene Acetic Acid					
Naphthol, 1-					
Naphthol, 2-					
Naphthol-6-Sulfonic Acid - Sodium Salt					
Naphthylamine		U167			
Naphthylethylenediamine Dihydrochloride					
Neodymium Chloride					
Nessler's Reagent					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Neutral Red					
Niacin					
Nickel - Metal Lump		D001	D003		
Nickel - Powder		D001	D003		
Nickel Acetate					
Nickel Ammonium Sulfate					
Nickel Chloride - Anhydrous					
Nickel Chloride - Hexahydrate					
Nickel Monoxide					
Nickel Nitrate - Anhydrous		D001			
Nickel Nitrate - Hexahydrate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Nickel Sulfate - Anhydrous					
Nickel Sulfate - Hexahydrate					
Nickel Trioxide					
Nicotine		P075			
Nigrosin					
Ninhydrin					
Nitric Acid (<1 molar)		D002	D003		
Nitric Acid (>6 molar)		D002	D003		
Nitric Acid (1 molar to 6 molar)		D002	D003		
Nitrilotriacetic Acid					
Nitroacetanilide					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Nitrobenzaldehyde					
Nitrobenzene		D036			
Nitrocellulose					
Nitrogen					
Nitrogen Triiodide					
Nitroglycerin		D003	P081		
Nitrophenol, 3-					
Nitrophenol, 4-		U170			
Nitrophenylazo Resorcinol					
Nitrosodimethylamine, N-					
Octadecanol					



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Octanol, 1-					
Octanol, 2-					
Octyl Phenol					
Oleic Acid					
Onion's Fusible Alloy					
Orange G					
Orange IV					
Orcein					
Orcinol					
Ortho-dichlorobenzene		F002	U070		
Osmium Tetroxide		P087			
Oxalic Acid - Anhydrous					
Oxalic Acid - Dihydrate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Oxygen		D001			
Palmitic Acid					
Pancreatin					
Papain					
Para-dichlorobenzene		D027	U072		
Paraffin					
Paraformaldehyde					
Paraldehyde		U182			
Paris Green					
Penicillin G Sodium					
Pentachlorophenol		D027	D037		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Pentane		D001			
Pentanol, 1-		D001			
Pentanol, 2-		D001			
Peppermint Oil					
Pepsin					
Peptone					
Perchloric Acid		D001	D002		
Perchloroethylene		D039	F001	F002	U210
Permunt					
Petrolatum					
Petroleum Ether		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
pH 10 Buffer - Ammonium Hydroxide					
pH 10 Buffer - Borate					
pH 10 Buffer - Clear					
pH 4 Buffer - Acetate					
pH 4 Buffer - Biphthalate					
pH 7 Buffer - Phosphate					
pH 7.4 Buffer - Tris					
Phenanthroline					
Phenol		U188			
Phenol Red					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Phenolphthalein					
Phenolphthalein - Ethanol Solution					
Phenyl Salicylate					
Phenylarsine Oxide - Solid					
Phenylarsine Oxide - Solution					
Phenylhydrazine Hydrochloride					
Phenylthiocarbamide		P093			
Phloroglucinol		U024			
Phosphomolybdic Acid		D001	D002		
Phosphoric Acid (<1 molar)		D002			
Phosphoric Acid (>6 molar)		D002			
Phosphoric Acid (1 molar to 6 molar)		D002			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Phosphorus - Red		D001			
Phosphorus - White		D001			
Phosphorus - Yellow		D001			
Phosphorus Pentasulfide		D001	D003	U189	
Phosphorus Pentoxide		D002	D003		
Phosphorus Trichloride					
Phthalic Anhydride		U190			
Physostigmine		P204			
Picric Acid		D001	D003		
Polyethylene Glycol					
Polyurethane Foam - Part A					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Polyurethane Foam – Part B					
Polyvinyl Alcohol					
Potassium - 0.5 gram Chips					
Potassium - Chunks					
Potassium Acetate					
Potassium Bicarbonate					
Potassium Binoxalate					
Potassium Bisulfate					
Potassium Bitartrate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Potassium Bromate		D001			
Potassium Bromide					
Potassium Carbonate - Anhydrous					
Potassium Carbonate - Sesquahydrate					
Potassium Chlorate		D001			
Potassium Chloride					
Potassium Chromate		D001	D007		
Potassium Citrate					
Potassium Cyanide		P098			
Potassium Dichromate		D001	D007		



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Potassium Ferricyanide					
Potassium Ferrocyanide					
Potassium Fluoride		D002			
Potassium Hydrogen Phthalate					
Potassium Hydroxide - Solid		D002			
Potassium Hydroxide (<1 molar)		D002			
Potassium Hydroxide (>6 molar)		D002			
Potassium Hydroxide (1 molar to 6 molar)		D002			
Potassium Iodate		D001			
Potassium Iodide					
Potassium Nitrate		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Potassium Nitrite		D001			
Potassium Oxalate					
Potassium Perchlorate		D001			
Potassium Periodate		D001			
Potassium Permanganate		D001			
Potassium Peroxide					
Potassium Persulfate		D001			
Potassium Phosphate - Dibasic					
Potassium Phosphate - Monobasic					
Potassium Phosphate - Tribasic					
Potassium Sodium Tartrate					
Potassium Sulfate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Potassium Sulfide		D001	D003		
Potassium Tartrate					
Potassium Thiocyanate					
Praseodymium Chloride					
Propane		D001			
Propanol		D001			
Propiolactone, b-					
Propionic Acid		D002			
Propylene Glycol					
Pyridine		D001	D038	F005	
Pyrogallol					
Quinine Sulfate					
Resazurin					
Resorcinol		U201			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Rhodamine B					
Ringer's Solution					
Rose Bengal					
Safranin O					
Safranin Staining Solution					
Salicylic Acid					
Schiff Reagent					
Sebacoyl Chloride		D002	D003		
Sebacoyl Chloride/Hexane Solution					
Selenium - Metal Lump		D010			
Selenium - Powder		D010			
Silica Gel					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Silicon		D001			
Silicon Oil					
Silicon Tetrafluoride					
Silver - Metal Lump					
Silver Acetate		D011			
Silver Chloride		D011			
Silver Cyanide		D011	P104		
Silver Nitrate		D001	D011		
Silver Oxide		D001	D011		
Silver Sulfate		D011			
Soda Lime		D002			
Sodium - 0.5 Gram Pieces		D001	D003		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium - Chunks		D001	D003		
Sodium Acetate - Anhydrous					
Sodium Acetate - Hydrate					
Sodium Alginate					
Sodium Arsenate					
Sodium Arsenite		D004			
Sodium Azide		P105			
Sodium Benzoate					
Sodium Bicarbonate					
Sodium Bifluoride					
Sodium Bismuthate		D001			
Sodium Bisulfate - Anhydrous		D002			
Sodium Bisulfate - Monohydrate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Bisulfite		D002			
Sodium Borate					
Sodium Borohydride		D001	D003		
Sodium Bromate		D001			
Sodium Bromide					
Sodium Carbonate					
Sodium Chlorate		D001			
Sodium Chloride					
Sodium Chromate - Anhydrous		D001	D007		
Sodium Chromate - Tetrahydrate					
Sodium Citrate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Cobaltinitrite					
Sodium Cyanide		D003	P106		
Sodium Deoxycholate					
Sodium Dichloroindophenol					
Sodium Dichromate - Anhydrous		D007			
Sodium Dichromate - Dihydrate					
Sodium Diphenylamine Sulfonate					
Sodium Dithionite					
Sodium Ferricyanide					
Sodium Ferrocyanide		P030			



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Fluoride		D002			
Sodium Fluoroacetate					
Sodium Hexametaphosphate					
Sodium Hydroxide - Solid		D002			
Sodium Hydroxide - solution (<1 molar)		D002			
Sodium Hydroxide - solution (>6 molar )		D002			
Sodium Hydroxide - solution (1 M to 6 M)		D002			
Sodium Hypochlorite - Solution (<6%)					
Sodium Hypochlorite - Solution (>6%)					
Sodium Iodate		D001			

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Iodide					
Sodium Lactate					
Sodium Lauryl Sulfate					
Sodium Metabisulfite					
Sodium Metasilicate		D002			
Sodium Molybdate - Anhydrous					
Sodium Molybdate - Dihydrate					
Sodium Nitrate		D001			
Sodium Nitrite		D001			
Sodium Nitroferricyanide		P030			
Sodium Oleate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Oxalate					
Sodium Perborate					
Sodium Perchlorate		D001	D003		
Sodium Peroxide		D001	D003		
Sodium Phosphate - Dibasic - Anhydrous					
Sodium Phosphate - Dibasic - Heptahydrate					
Sodium Phosphate - Monobasic					
Sodium Phosphate - Tribasic					
Sodium Polyacrylate					
Sodium Rhodizonate					
Sodium Salicylate					
Sodium Silicate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sodium Sulfamate					
Sodium Sulfate					
Sodium Sulfide		D003			
Sodium Sulfite					
Sodium Tartrate Anhydrous					
Sodium Tartrate Dihydrate					
Sodium Thiocyanate		D003			
Sodium Thiosulfate - Anhydrous					
Sodium Thiosulfate - Pentahydrate					
Sodium Tungstate					
Stannic Chloride		D002	D003		
Stannous Chloride		D002			
Starch					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Stearic Acid - Laboratory Grade					
Stearic Acid - Reagent Grade					
Streptomycin Sulfate					
Strontium		D001	D003		
Strontium Bromide					
Strontium Carbonate					
Strontium Chloride					
Strontium Hydroxide Octahydrate					
Strontium Hydroxide Solution					
Strontium Nitrate		D001			
Strychnine		P108			
Styrene		D001			
Succinic Acid					
Sucrose					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sudan III					
Sudan III Solution					
Sudan IV					
Sudan IV Solution					
Sudan Yellow					
Sulfamic Acid		D002			
Sulfanilamide					
Sulfanilic Acid					
Sulfosalicylic Acid		D002			
Sulfur - Precipitated					
Sulfur Dioxide		D002			
Sulfur Hexafluoride					
Sulfurated Potash					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Sulfuric Acid (<1 molar)		D002			
Sulfuric Acid (>6 molar)		D002			
Sulfuric Acid (1 molar to 6 molar)		D002			
Talc					
Tannic Acid		D002			
Tartaric Acid					
Tert-Butanol		D001			
Testosterone					
Testosterone Propionate					
Tetrabromoethane					
Tetracycline Hydrochloride					
Tetrafluoroethylene					
Tetrahydrofuran		D001	U213		

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Tetramethyl-p-phenylenediamine Dihydrochloride					
Thallium					
Thermit					
Thermit Igniting Sticks					
Thiamine Hydrochloride					
Thimerosal		D009			
Thioacetamide		U218			
Thionin					
Thionyl Chloride		D002			
Thiourea		U219			



Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Thorium Nitrate	Yes				
Thymol					
Thymol Blue					
Thymolphthalein					
Thymolphthalein Solution					
Thyroxine					
Tin - Metal Lump		D001			
Tin - Powder		D001			
Tin Oxide					
Titanium Dioxide					
Titanium Tetrachloride		D002	D003		
Titanium Trichloride		D001	D002	D003	

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Tollen's Reagent					
Toluene		D001	F005	U220	
Toluidine Blue O		ND			
Toluidine, o-					
Tricaine Methanesulfonate					
Trichloroacetic Acid		D002			
Trichloroethane					
Trichloroethylene		D040	F002	U228	
Trichlorotrifluoroethane					
Triethanolamine					
Triethyl Phosphate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Triethylamine					
Trimethylamine					
Trinitrobenzene		D001	U234		
Trinitrotoluene		D001			
Triphenyl Tetrazolium Chloride					
Tris-Hydroxymethyl Aminomethane		D002			
Triton X-100					
Turpentine		D001			
Tyrosine					
Universal Indicator					
Uranium					
Uranyl Acetate	Yes				
Uranyl Nitrate	Yes				

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Urea					
Urease					
Urethane		U238			
Vanadium Pentoxide		P120			
Vegetable Oil					
Vinyl Chloride					
Vinyl Ether					
Winkler's Solution #1					
Winkler's Solution #2					
Wood's Metal					
Wright's Stain					
Wright's Stain Solution					
Xylene		D001	F003	U239	
Xylose					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Yttrium Oxide					
Zenker's Fixative					
Zeolite					
Zinc - Metal Lump		D001			
Zinc - Powder		D001			
Zinc Acetate					
Zinc Carbonate					
Zinc Carbonate - Basic					
Zinc Chloride		D002			
Zinc Nitrate - Anhydrous		D001			
Zinc Nitrate - Hexahydrate					
Zinc Oxide					
Zinc Stearate					

Chemical Name	Radioactive	RCRA Code 1	RCRA Code 2	RCRA Code 3	RCRA Code 4
Zinc Sulfate - 7-Hydrate					
Zinc Sulfate - Anhydrous					
Zinc Sulfate - Monohydrate					
Zinc Sulfide		D003			
Zirconium Tetranitrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Abscisic Acid					
Acetal					
Acetaldehyde	WT02				
Acetamide					
Acetanilide	WT02				
Acetic Acid (<1 Molar)	WT02				
Acetic Acid (>6 Molar)	WT02				
Acetic Acid (1 Molar to 6 Molar)	WT02				
Acetic Anhydride	WT02				
Aceto Carmine					
Acetone	D001				
Acetonitrile	WT02				
Aceto-Orcein Solution					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Acetyl Chloride	WT02				
Acetylcholine Bromide	WT02				
Acetylcholine Bromide Solution	WT02				
Acetylcholine Chloride	WT02				
Acetylcholine Chloride Solution	WT02				
Acetylene					
Acetylsalicylic Acid	WT02				
Acridine Orange					
Acrolein					
Acrylamide	WT02				
Acrylic Acid	WT01				
Acrylonitrile	WT02				



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Adenine	WT02				
Adenosine Triphosphate					
Adipic Acid					
Adipoyl Chloride					
Adipoyl Chloride - Hexane Solution					
Adrenaline					
Adrenaline Chloride Solution					
Agar					
Agarose					
Aitch-tu-ess Cartridges					
Alanine, DL-					
Alanine, L-					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Albumin					
Alconox					
Alizarin					
Alizarin Red S					
Alizarin Yellow R					
Alkaline Iodide Azide					
Alkaline Potassium Iodide					
Allyl Chloride					
Aluminon					
Aluminum - Metal Lump					
Aluminum - Powder					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Aluminum Ammonium Sulfate					
Aluminum Chloride - Anhydrous	WT02				
Aluminum Chloride - Hexahydrate	WSC2	WT02			
Aluminum Hydroxide					
Aluminum Nitrate - Anhydrous					
Aluminum Nitrate - Nonahydrate	WT02				
Aluminum Oxide					
Aluminum Potassium Sulfate					
Aluminum Sodium Sulfate					
Aluminum Sulfate - 18 hydrate					
Aluminum Sulfate - Anhydrous					
Aminodiphenyl, 4-					
Ammonium Acetate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ammonium Bicarbonate					
Ammonium Bifluoride					
Ammonium Bromide					
Ammonium Carbonate					
Ammonium Chloride	WT02				
Ammonium Chromate					
Ammonium Citrate					
Ammonium Dichromate					
Ammonium Fluoride					
Ammonium Hydroxide (<1 Molar)	WT02				
Ammonium Hydroxide (>6 Molar)	WT02				
Ammonium Hydroxide (1 Molar to 6 Molar)	WT02				
Ammonium Iodide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ammonium Metavanadate	WT01				
Ammonium Molybdate					
Ammonium Nitrate	WT02				
Ammonium Nitrite					
Ammonium Oxalate - Anhydrous					
Ammonium Oxalate - Monohydrate					
Ammonium Perchlorate	WT02				
Ammonium Persulfate	WT02				
Ammonium Phosphate - Dibasic					
Ammonium Phosphate - Monobasic					
Ammonium Polysulfide					
Ammonium Sulfate	WT02				
Ammonium Sulfide	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ammonium Tartrate					
Ammonium Thiocyanate	WT02				
Amyl Acetate					
Amylase					
Anasol					
Anhydrous Ammonia	WT01				
Aniline	WT02				
Aniline Acetate					
Aniline Blue	WT02				
Aniline Hydrochloride	WT02				
Anthracene					
Anthranilic Acid					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Antimony - Metal Lump					
Antimony - Powder					
Antimony Potassium Tartrate	WT02				
Antimony Trichloride	WT02				
Arabinose					
Arginine					
Arsenic - Metal Lump					
Arsenic - Powder					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Arsenic Trioxide	WT01				
Arsine					
Asbestos					
Ascarite	WT02				
Ascorbic Acid					
Asparagine					
Aspartic Acid					
Barfoed Reagent	WT02				
Barium - Metal Lump					
Barium - Powder					
Barium Acetate	WT02				
Barium Carbonate					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Barium Chloride	WT01				
Barium Chromate					
Barium Hydroxide					
Barium Nitrate	WT02				
Barium Peroxide					
Barium Sulfate					
Benedict's Reagent					
Benzaldehyde	WT02				
Benzene					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Benzidine	WT02				
Benzoic Acid					
Benzoin					
Benzonitrile					
Benzophenone	WT02				
Benzoyl Chloride	WT02				
Benzoyl Peroxide					
Benzyl Alcohol	WT02				
Benzylaminopurine	WT02				
Beryllium - Metal Lump					
Beryllium - Powder					
Beryllium Hydroxide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Beryllium Oxide					
Beryllium Sulfate					
Bile Salts					
Bismarck Brown Y					
Bismuth - Metal Lump	WT02				
Bismuth - Powder					
Bismuth Nitrate	WT02				
Bismuth Subnitrate					
Bismuth Trichloride	WT02	WSC2			
Biuret					
Biuret Reagent					
Boric Acid	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Boron Trichloride					
Bouin's Fixative					
Brilliant Cresyl Blue					
Brilliant Green					
Bromine	WT02				
Bromine Water	WT02				
Bromobenzene	WP01	WT02			
Bromobutane	WP01				
Bromocresol Green	WP01				
Bromocresol Purple	WP01				
Bromoform	WP01	WT02			
Bromphenol Blue	WP01				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Bromthymol Blue	WP01				
Butadiene					
Butanol, 1-	WT02				
Butanol, 2-					
Butoxyethanol	WT02				
Butyl Acetate					
Butyl Stearate					
Butylated Hydroxytoluene					
Butyraldehyde	WT01				
Butyric Acid	WT02				
Cadmium - Metal Lump	WT02				
Cadmium - Powder	WT02				
Cadmium Chloride - Anhydrous	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Cadmium Chloride - Pentahydrate					
Cadmium Nitrate - Anhydrous					
Cadmium Nitrate - Tetrahydrate	WT02				
Cadmium Oxide	WT02				
Cadmium Sulfate - Anhydrous	WT02				
Cadmium Sulfate - Octahydrate					
Caffeine					
Calcium - Metal Lump					
Calcium - Powder					
Calcium Acetate	WT02				
Calcium Bromide					
Calcium Carbide					
Calcium Carbonate					
Calcium Chloride	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Calcium Chloride	WT02				
Calcium Cyanide	WT01				
Calcium Fluoride					
Calcium Gluconate					
Calcium Hydroxide					
Calcium Hypochlorite	WT02				
Calcium Iodide					
Calcium Nitrate - Anhydrous					
Calcium Nitrate - Hydrate					
Calcium Oxide					
Calcium Phosphate, Dibasic					
Calcium Phosphate, Monobasic					
Calcium Phosphate, Tribasic					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Calcium Sulfate - Dihydrate					
Calcium Sulfate - Hemihydrate					
Calcium Sulfide					
Calmagite					
Camphor					
Canadian Balsam					
Canadian Balsam in Xylene					
Carbol Fuchsin					
Carbon					
Carbon Black					
Carbon Disulfide	WT02				
Carbon Monoxide					



<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Carbon Tetrachloride	WT02	WP01			
Carbonyl Sulfide					
Carmine					
Carnauba Wax					
Carnoy's Fixative					
Casein					
Catalase					
Catechol	WT02				
Cedarwood Oil					
Cellulose					
Cerium Ammonium Nitrate					
Cesium Chloride	WT02				
Cetyl Alcohol	WT02				

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Charcoal					
Chloral Hydrate	WT02				
Chloretone					
Chlorine	WT01				
Chlorine Trifluoride					
Chlorine Water	WT01				
Chlorobenzene	WT02	WP01			
Chloroethanol	WP01	WT01			
Chloroform	WT02	WP01			
Chlorophenol	WP01				
Chlorophenol Red	WP02				
Chlorophyllin					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Chloroprene					
Chloropromazine					
Chlorosulfonic Acid	WP01				
Cholesterol					
Chromatography Solvent					
Chromic Acid					
Chromium - Metal Lump					
Chromium - Powder					
Chromium Chloride - Anhydrous	WT02				
Chromium Chloride - Hydrate					
Chromium Nitrate					
Chromium Oxide					
Chromium Potassium Sulfate - Anhydrous					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Chromium Potassium Sulfate - Dodecahydrate					
Chromium Sulfate					
Chromium Trioxide	WT01	WT02			
Chy-Max					
Cinnamaldehyde					
Citric Acid	WT02				
Clayton Yellow					
Clove Oil	WT02				
Cobalt - Metal Lump					
Cobalt - Powder					
Cobalt Carbonate					
Cobalt Chloride - Anhydrous					
Cobalt Chloride - Hydrate	WP01	WT02			
Cobalt Nitrate - Anhydrous	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Cobalt Nitrate - Hydrate					
Cobalt Oxide	WT01				
Cobalt Sulfate	WT02				
Colchicine					
Collodion					
Congo Red					
Copper - Metal Lump					
Copper - Powder					
Copper Acetate - Anhydrous					
Copper Acetate - Hydrate					
Copper Bromide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Copper Carbonate					
Copper Chloride - Anhydrous					
Copper Chloride - Dihydrate					
Copper Hydroxide					
Copper Nitrate - Anhydrous	WT02				
Copper Nitrate - Hemipentahydrate					
Copper Nitrate - Trihydrate	WT02				
Copper Sulfate	WT02				
Creatine					
Creatinine					
Creosote	WT01				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Cresol	WT02				
Cresol Purple					
Cresol Red					
Cresol Red, Sodium Salt					
Crystal Violet	WT01				
Cumene	WT02				
Cupric Cyanide					
Cupric Oxide					
Cupric Sulfide					
Cuprous Acetate					
Cuprous Chloride	WT01				
Cuprous Cyanide	WT01				
Cuprous Oxide					
Cuprous Sulphide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Cyanogen Bromide	WP01				
Cyclohexane	WT02				
Cyclohexanol	WT02				
Cyclohexanone	WT02				
Cyclohexene					
Cysteine					
Decanoic Acid	WT02				
Denatured Alcohol					
Dextrin					
Dextrose					
Diastase of Malt					
Diatomaceous Earth					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Dibromo-3-chloropropane, 1,2-					
Dibutyl Phthalate					
Dichlorobenzidine					
Dichloroethane	WP01	WT02			
Dichloroindophenol, Sodium Salt					
Dichlorophenoxy Acetic Acid	WT02	WT01			
Diethylamine		WT02			
Dimethyl Aniline	WT02				
Dimethyl Sulfoxide					
Dimethylaminoazobenzene, 4-					
Dimethylglyoxime					
Dimethylglyoxime Solution					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Dinitrophenol	WT01				
Dinitrophenyl Hydrazine					
Dioxane	WT02				
Diphenylamine	WT02				
Dithizone					
Dodecanol					
Drierite					
Duplicating Fluid	WT02				
Eosin Y					
Eriochrome Black T					
Erythrosin B	WT02				
Estrone					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ethanol	WT02				
Ethanolamine					
Ethidium Bromide					
Ethoxyethanol					
Ethyl Acetate					
Ethyl Chloride	WP01				
Ethyl Ether	WT02				
Ethyl Iodide					
Ethyl Nitrate					
Ethylene Glycol	WT02				
Ethylene Oxide	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ethylenediamine	WT02				
Ethylenediamine Tetraacetic Acid					
Ethyleneimine	WT01				
FAA Solution					
Fast Green	WT02				
Fehling's Solution A					
Fehling's Solution B					
Ferric Ammonium Citrate					
Ferric Ammonium Sulfate					
Ferric Oxide					
Ferric Sulfate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Ferriin Solution					
Ferrous Oxide					
Ferrous Sulfate, Anhydrous					
Ferrous Sulfate, Heptahydrate					
Fluorescein					
Formaldehyde	WT02				
Formalin	WT02				
Formaldehyde					
Formamide					
Formic Acid	WT02				
Fructose					
Fuchsin Acid					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Fuchsin Basic	WP01				
Fuller's Earth					
Fumaric Acid					
Furfural	WT01				
Galactose					
Gallium - Metal Lump					
Gastric Juice					
Gelatin					
Gibberellic Acid					
Giemsa Stain					
Giemsa Stain Solution	WP01				
Gilson's Fixative					
Glucose					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Glutaraldehyde (<6%)	WT02				
Glutaraldehyde (>6%)	WT02				
Glutathione					
Glycerin					
Glycine					
Glycogen					
Glyoxal					
Glyoxal Solution	WT02				
Gram's Iodine Stain					
Graphite					
Guaiacol					
Guar Gum					
Gum Arabic					
Gum Rosin					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Gunpowder					
Hayem Diluting Fluid					
Helium					
Hematoxylin					
Heptane	WT01				
Hexachlorophene					
Hexamethylenediamine	WSC2				
Hexamethylenediamine - Sodium Hydroxide Solution	WSC2	WT02			
Hexane					
Hexane/Acetone Aerosol Sprays					
Hexanol	WT02				



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Hydrazine	WT01				
Hydrazine Sulfate	WT02				
Hydriodic Acid					
Hydrobromic Acid	WT02	WT01			
Hydrochloric Acid (<1 molar)	WT02				
Hydrochloric Acid (>6 molar)	WT02				
Hydrochloric Acid (1 molar to 6 molar )	WT02				
Hydrofluoric Acid					
Hydrogen					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Hydrogen Bromide					
Hydrogen Chloride					
Hydrogen Peroxide ( <4%)					
Hydrogen Peroxide ( 20% to 30% )	WT01				
Hydrogen Peroxide ( 4% to 20% )	WT01				
Hydrogen Peroxide (>31% )	WT01				
Hydrogen Sulfide Gas	WT01				
Hydrogen Sulfide Water	WT01				
Hydroquinone	WT01				
Hydroxy Naphthol Blue					
Hydroxylamine Hydrochloride					
Immersion Oil					
Immersion Oil - Containing PCBs					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Indigo Carmine	WT02				
Indigo Dye					
Indole-3-Acetic Acid					
Indole-3-Butyric Acid					
Invertase					
Iodine					
Iodine Potassium Iodide Solution					
Iodine Tincture					
Iron - Metal Lump					
Iron - Powder					
Iron Chloride	WT02				
Iron Nitrate - 9 Hydrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Iron Nitrate - Anhydrous					
Iron Sulfide					
Isobutanol	WT02				
Isopropanol	WT02				
Isopropyl Ether					
Isovaleric Acid	WT02				
Janus Green B					
Kaolin					
Kerosene	WT02				
Kinetin					
Kleermount in Xylene					
Knop's Solution					
Lactic Acid					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Lactose					
Lanolin					
Lanthanum Nitrate - Anhydrous					
Lanthanum Nitrate - Hexahydrate					
Latex					
Lauric Acid					
Lauroyl Peroxide					
Lead - Metal Lump					
Lead - Powder					
Lead Acetate - Dibasic					
Lead Acetate - Monobasic					
Lead Arsenate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Lead Bromide					
Lead Carbonate					
Lead Carbonate - Basic					
Lead Chloride					
Lead Chromate					
Lead Diiodide					
Lead Dioxide					
Lead Iodide					
Lead Monooxide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Lead Nitrate					
Lead Oxide					
Lead Sulfate					
Lead Sulfide					
Lead Tetroxide					
Levulose					
Limewater					
Linseed Oil					
Lipase					
Lithium - Metal Lump					
Lithium - Powder					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Lithium Aluminum Hydride					
Lithium Carbonate	WT02				
Lithium Chloride	WT02				
Lithium Fluoride	WT02				
Lithium Hydroxide - Anhydrous					
Lithium Hydroxide - Monohydrate					
Lithium Nitrate					
Lithium Sulfate - Anhydrous					
Lithium Sulfate - Hydrate					
Litmus					
Lugol's Iodine					
Lull-A-Fly					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Luminol					
Lycopodium					
Lysine HCl					
Lysozyme					
Magnesium - Metal Lump					
Magnesium - Powder					
Magnesium Acetate					
Magnesium Bromide - Anhydrous					
Magnesium Bromide - Hexahydrate					
Magnesium Carbonate - Anhydrous					
Magnesium Carbonate - Hydrate					
Magnesium Chloride - Anhydrous	WT02				

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Magnesium Chloride - Hexahydrate					
Magnesium Hydroxide					
Magnesium Nitrate - Anhydrous					
Magnesium Nitrate - Hexahydrate					
Magnesium Oxide					
Magnesium Perchlorate					
Magnesium Sulfate					
Malachite Green	WT02				
Maleic Acid	WT02				
Malonic Acid	WT02				
Maltose, D- - Anhydrous					
Maltose, D- - Monohydrate					
Manganese - Metal Lump					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Manganese - Powder					
Manganese (II) Chloride - Anhydrous					
Manganese (II) Chloride Tetrahydrate	WT02				
Manganese (II) Nitrate - Anhydrous					
Manganese (II) Nitrate - Tetrahydrate					
Manganese (II) Sulfate - Anhydrous					
Manganese (II) Sulfate - Monohydrate					
Manganese Carbonate					
Manganese Peroxide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Mannitol					
Menthol	WT02				
Mercaptoethanol	WT01				
Mercuric Bichloride					
Mercuric Chloride	WT01				
Mercuric Iodide	WT01				
Mercuric Nitrate monohydrate					
Mercuric Sulfate					
Mercurochrome					
Mercurous Chloride	WT01				
Mercurous Nitrate	WT02				
Mercurous Nitrate (mercury (I) nitrate)	WT01				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Mercurous Sulfate					
Mercury - Elemental					
Mercury Oxide	WT01				
Mercury Sulfide					
Mercury Thermometers					
Methanol	WT02				
Methionine					
Methoxyethanol					
Methyl Blue					
Methyl Bromide					
Methyl Cellulose					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Methyl Ethyl Ketone	WT02				
Methyl Green					
Methyl Iodide	WP01	WT02			
Methyl Isobutyl Ketone	WT02				
Methyl Isocyanate	WT02				
Methyl Isopropyl Ketone	WT02				
Methyl Mercaptan					
Methyl Methacrylate	WT02				
Methyl Orange					
Methyl Paraben	WT02				
Methyl Red					
Methyl Red - Sodium Salt					
Methyl Salicylate	WT02				

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Methyl Tert-Butyl Ether	WT02				
Methyl Violet	WT02				
Methylamine	WT01				
Methylchloromethyl Ether					
Methylene Blue	WT02				
Methylene Chloride	WP01	WT02			
Millon's Reagent					
Mineral Oil					
Molisch Reagent					
Molybdenum - Metal Lump					
Molybdenum - Powder					
Molybdenum Oxide					
Molybdenum Trioxide					
Monosodium Glutamate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Murexide					
Muriatic Acid	WT02				
Naphthalene	WT02				
Naphthalene Acetic Acid	WSC2	WT02			
Naphthol, 1-	WT01				
Naphthol, 2-					
Naphthol-6-Sulfonic Acid - Sodium Salt					
Naphthylamine					
Naphthylethylenediamine Dihydrochloride					
Neodymium Chloride					
Nessler's Reagent					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Neutral Red					
Niacin					
Nickel - Metal Lump					
Nickel - Powder					
Nickel Acetate	WT02				
Nickel Ammonium Sulfate					
Nickel Chloride - Anhydrous	WT02				
Nickel Chloride - Hexahydrate					
Nickel Monoxide					
Nickel Nitrate - Anhydrous	WT02				
Nickel Nitrate - Hexahydrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Nickel Sulfate - Anhydrous	WT01				
Nickel Sulfate - Hexahydrate					
Nickel Trioxide					
Nicotine	WT01				
Nigrosin					
Ninhydrin	WT02				
Nitric Acid (<1 molar)	WT02				
Nitric Acid (>6 molar)	WT02				
Nitric Acid (1 molar to 6 molar)	WT02				
Nitrilotriacetic Acid	WT02				
Nitroacetanilide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Nitrobenzaldehyde					
Nitrobenzene	WT02				
Nitrocellulose					
Nitrogen					
Nitrogen Triiodide					
Nitroglycerin	WT02	WT01			
Nitrophenol, 3-	WT02				
Nitrophenol, 4-	WT02				
Nitrophenylazo Resorcinol					
Nitrosodimethylamine, N-					
Octadecanol					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Octanol, 1-	WT01				
Octanol, 2-					
Octyl Phenol					
Oleic Acid					
Onion's Fusible Alloy					
Orange G					
Orange IV					
Orcein					
Orcinol	WT02				
Ortho-dichlorobenzene	WT02	WP01			
Osmium Tetroxide	WT01				
Oxalic Acid - Anhydrous	WT01				
Oxalic Acid - Dihydrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Oxygen					
Palmitic Acid					
Pancreatin					
Papain					
Para-dichlorobenzene	WT02	WP02			
Paraffin					
Paraformaldehyde	WT02				
Paraldehyde	WT02				
Paris Green					
Penicillin G Sodium					
Pentachlorophenol	WT01	WP01			

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Pentane					
Pentanol, 1-	WT02				
Pentanol, 2-	WT02				
Peppermint Oil					
Pepsin					
Peptone					
Perchloric Acid	WT02				
Perchloroethylene	WT02	WP01			
Permunt					
Petrolatum					
Petroleum Ether					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
pH 10 Buffer - Ammonium Hydroxide					
pH 10 Buffer - Borate					
pH 10 Buffer - Clear					
pH 4 Buffer - Acetate					
pH 4 Buffer - Biphthalate					
pH 7 Buffer - Phosphate					
pH 7.4 Buffer - Tris					
Phenanthroline					
Phenol	WT01				
Phenol Red					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Phenolphthalein					
Phenolphthalein - Ethanol Solution					
Phenyl Salicylate					
Phenylarsine Oxide - Solid					
Phenylarsine Oxide - Solution					
Phenylhydrazine Hydrochloride					
Phenylthiocarbamide	WT01				
Phloroglucinol					
Phosphomolybdic Acid					
Phosphoric Acid (<1 molar)	WT02				
Phosphoric Acid (>6 molar)	WT02				
Phosphoric Acid (1 molar to 6 molar)	WT02				



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Phosphorus - Red	WT01				
Phosphorus - White	WT01				
Phosphorus - Yellow	WT01				
Phosphorus Pentasulfide	WT02				
Phosphorus Pentoxide	WT01				
Phosphorus Trichloride					
Phthalic Anhydride	WT01	WT02			
Physostigmine					
Picric Acid					
Polyethylene Glycol					
Polyurethane Foam - Part A					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Polyurethane Foam – Part B					
Polyvinyl Alcohol					
Potassium - 0.5 gram Chips					
Potassium - Chunks					
Potassium Acetate	WT02				
Potassium Bicarbonate					
Potassium Binoxalate					
Potassium Bisulfate					
Potassium Bitartrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Potassium Bromate					
Potassium Bromide					
Potassium Carbonate - Anhydrous	WT02				
Potassium Carbonate - Sesquahydrate					
Potassium Chlorate	WT02				
Potassium Chloride	WT02				
Potassium Chromate					
Potassium Citrate					
Potassium Cyanide	WT01				
Potassium Dichromate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Potassium Ferricyanide					
Potassium Ferrocyanide					
Potassium Fluoride	WT01				
Potassium Hydrogen Phthalate					
Potassium Hydroxide - Solid	WT01				
Potassium Hydroxide (<1 molar)	WT01				
Potassium Hydroxide (>6 molar)	WT01				
Potassium Hydroxide (1 molar to 6 molar)	WT01				
Potassium Iodate					
Potassium Iodide					
Potassium Nitrate	WT02				

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Potassium Nitrite	WT02				
Potassium Oxalate					
Potassium Perchlorate					
Potassium Periodate					
Potassium Permanganate	WT01				
Potassium Peroxide					
Potassium Persulfate					
Potassium Phosphate - Dibasic					
Potassium Phosphate - Monobasic					
Potassium Phosphate - Tribasic					
Potassium Sodium Tartrate					
Potassium Sulfate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Potassium Sulfide					
Potassium Tartrate					
Potassium Thiocyanate	WT02				
Praseodymium Chloride					
Propane					
Propanol	WT02				
Propiolactone, b-					
Propionic Acid	WT02				
Propylene Glycol					
Pyridine	WT02				
Pyrogallol					
Quinine Sulfate					
Resazurin					
Resorcinol	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Rhodamine B					
Ringer's Solution					
Rose Bengal	WP01				
Safranin O	WP01				
Safranin Staining Solution					
Salicylic Acid	WT02				
Schiff Reagent					
Sebacoyl Chloride					
Sebacoyl Chloride/Hexane Solution					
Selenium - Metal Lump					
Selenium - Powder					
Silica Gel					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Silicon	WT02				
Silicon Oil					
Silicon Tetrafluoride					
Silver - Metal Lump					
Silver Acetate					
Silver Chloride					
Silver Cyanide	WT02				
Silver Nitrate	WT02				
Silver Oxide					
Silver Sulfate					
Soda Lime					
Sodium - 0.5 Gram Pieces					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sodium - Chunks					
Sodium Acetate - Anhydrous					
Sodium Acetate - Hydrate	WT02				
Sodium Alginate					
Sodium Arsenate					
Sodium Arsenite	WT01				
Sodium Azide	WT01				
Sodium Benzoate	WT02				
Sodium Bicarbonate	WT02				
Sodium Bifluoride					
Sodium Bismuthate					
Sodium Bisulfate - Anhydrous					
Sodium Bisulfate - Monohydrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sodium Bisulfite	WT02				
Sodium Borate					
Sodium Borohydride					
Sodium Bromate					
Sodium Bromide	WT02				
Sodium Carbonate	WT02				
Sodium Chlorate	WT02				
Sodium Chloride	WT02				
Sodium Chromate - Anhydrous					
Sodium Chromate - Tetrahydrate					
Sodium Citrate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sodium Cobaltinitrite					
Sodium Cyanide	WT01				
Sodium Deoxycholate					
Sodium Dichloroindophenol					
Sodium Dichromate - Anhydrous	WT01				
Sodium Dichromate - Dihydrate					
Sodium Diphenylamine Sulfonate					
Sodium Dithionite					
Sodium Ferricyanide					
Sodium Ferrocyanide					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sodium Fluoride	WT01				
Sodium Fluoroacetate					
Sodium Hexametaphosphate					
Sodium Hydroxide - Solid	WT02				
Sodium Hydroxide - solution (<1 molar)	WT02				
Sodium Hydroxide - solution (>6 molar )	WT02				
Sodium Hydroxide - solution (1 M to 6 M)	WT02				
Sodium Hypochlorite - Solution (<6%)					
Sodium Hypochlorite - Solution (>6%)					
Sodium Iodate					

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Sodium Iodide	WT02				
Sodium Lactate					
Sodium Lauryl Sulfate	WT02				
Sodium Metabisulfite					
Sodium Metasilicate	WT02				
Sodium Molybdate - Anhydrous					
Sodium Molybdate - Dihydrate	WT02				
Sodium Nitrate	WT02				
Sodium Nitrite	WT02				
Sodium Nitroferricyanide					
Sodium Oleate					

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Sodium Oxalate					
Sodium Perborate					
Sodium Perchlorate	WT02				
Sodium Peroxide					
Sodium Phosphate - Dibasic - Anhydrous					
Sodium Phosphate - Dibasic - Heptahydrate					
Sodium Phosphate - Monobasic					
Sodium Phosphate - Tribasic					
Sodium Polyacrylate					
Sodium Rhodizonate					
Sodium Salicylate	WT02				
Sodium Silicate	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sodium Sulfamate					
Sodium Sulfate					
Sodium Sulfide	WT02				
Sodium Sulfite					
Sodium Tartrate Anhydrous					
Sodium Tartrate Dihydrate					
Sodium Thiocyanate	WT02				
Sodium Thiosulfate - Anhydrous					
Sodium Thiosulfate - Pentahydrate					
Sodium Tungstate					
Stannic Chloride	WT02	WT01			
Stannous Chloride	WT02				
Starch					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Stearic Acid - Laboratory Grade					
Stearic Acid - Reagent Grade	WT02				
Streptomycin Sulfate	WT02				
Strontium					
Strontium Bromide					
Strontium Carbonate					
Strontium Chloride					
Strontium Hydroxide Octahydrate					
Strontium Hydroxide Solution					
Strontium Nitrate	WT02				
Strychnine	WT01				
Styrene	WT01				
Succinic Acid					
Sucrose					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sudan III					
Sudan III Solution					
Sudan IV					
Sudan IV Solution					
Sudan Yellow					
Sulfamic Acid	WT02				
Sulfanilamide	WT02				
Sulfanilic Acid					
Sulfosalicylic Acid	WT02				
Sulfur - Precipitated					
Sulfur Dioxide					
Sulfur Hexafluoride					
Sulfurated Potash					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Sulfuric Acid (<1 molar)	WT02				
Sulfuric Acid (>6 molar)	WT02				
Sulfuric Acid (1 molar to 6 molar)	WT02				
Talc					
Tannic Acid					
Tartaric Acid					
Tert-Butanol	WT02				
Testosterone					
Testosterone Propionate					
Tetrabromoethane					
Tetracycline Hydrochloride					
Tetrafluoroethylene					
Tetrahydrofuran	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Tetramethyl-p-phenylenediamine Dihydrochloride					
Thallium					
Thermit					
Thermit Igniting Sticks					
Thiamine Hydrochloride					
Thimerosal	WT01				
Thioacetamide	WT02				
Thionin					
Thionyl Chloride	WT02				
Thiourea	WT02				

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Thorium Nitrate					
Thymol	WT02				
Thymol Blue					
Thymolphthalein					
Thymolphthalein Solution					
Thyroxine					
Tin - Metal Lump					
Tin - Powder					
Tin Oxide					
Titanium Dioxide					
Titanium Tetrachloride	WT01				
Titanium Trichloride	WT01	WT02			

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Tollen's Reagent					
Toluene	WT02				
Toluidine Blue O					
Toluidine, o-					
Tricaine Methanesulfonate					
Trichloroacetic Acid	WT02	WP01			
Trichloroethane					
Trichloroethylene	WP01	WT02			
Trichlorotrifluoroethane	WP01				
Triethanolamine					
Triethyl Phosphate					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Triethylamine					
Trimethylamine					
Trinitrobenzene	WT02	WT01			
Trinitrotoluene					
Triphenyl Tetrazolium Chloride					
Tris-Hydroxymethyl Aminomethane					
Triton X-100					
Turpentine					
Tyrosine					
Universal Indicator					
Uranium					
Uranyl Acetate					
Uranyl Nitrate					

<b>Chemical Name</b>	<b>WA-Only Code 1</b>	<b>WA-Only Code 2</b>	<b>Bans Elsewhere</b>	<b>Restricted Amounts Elsewhere</b>	<b>Inventory Number of Containers</b>
Urea					
Urease					
Urethane	WT02				
Vanadium Pentoxide	WT01				
Vegetable Oil					
Vinyl Chloride					
Vinyl Ether					
Winkler's Solution #1					
Winkler's Solution #2					
Wood's Metal					
Wright's Stain					
Wright's Stain Solution					
Xylene	WT02				
Xylose					

Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Yttrium Oxide					
Zenker's Fixative					
Zeolite					
Zinc - Metal Lump					
Zinc - Powder					
Zinc Acetate	WT02				
Zinc Carbonate					
Zinc Carbonate - Basic					
Zinc Chloride	WT02				
Zinc Nitrate - Anhydrous					
Zinc Nitrate - Hexahydrate					
Zinc Oxide					
Zinc Stearate					



Chemical Name	WA-Only Code 1	WA-Only Code 2	Bans Elsewhere	Restricted Amounts Elsewhere	Inventory Number of Containers
Zinc Sulfate - 7-Hydrate					
Zinc Sulfate - Anhydrous					
Zinc Sulfate - Monohydrate					
Zinc Sulfide					
Zirconium Tetranitrate					

Chemical Name	Inventory Containers Capacity	Inventory Units
Absciscic Acid		
Acetal		
Acetaldehyde		
Acetamide		
Acetanilide		
Acetic Acid (<1 Molar)		
Acetic Acid (>6 Molar)		
Acetic Acid (1 Molar to 6 Molar)		
Acetic Anhydride		
Aceto Carmine		
Acetone		
Acetonitrile		
Aceto-Orcein Solution		

Chemical Name	Inventory Containers Capacity	Inventory Units
Acetyl Chloride		
Acetylcholine Bromide		
Acetylcholine Bromide Solution		
Acetylcholine Chloride		
Acetylcholine Chloride Solution		
Acetylene		
Acetylsalicylic Acid		
Acridine Orange		
Acrolein		
Acrylamide		
Acrylic Acid		
Acrylonitrile		

Chemical Name	Inventory Containers Capacity	Inventory Units
Adenine		
Adenosine Triphosphate		
Adipic Acid		
Adipoyl Chloride		
Adipoyl Chloride - Hexane Solution		
Adrenaline		
Adrenaline Chloride Solution		
Agar		
Agarose		
Aitch-tu-ess Cartridges		
Alanine, DL-		
Alanine, L-		

Chemical Name	Inventory Containers Capacity	Inventory Units
Albumin		
Alconox		
Alizarin		
Alizarin Red S		
Alizarin Yellow R		
Alkaline Iodide Azide		
Alkaline Potassium Iodide		
Allyl Chloride		
Aluminon		
Aluminum - Metal Lump		
Aluminum - Powder		

Chemical Name	Inventory Containers Capacity	Inventory Units
Aluminum Ammonium Sulfate		
Aluminum Chloride - Anhydrous		
Aluminum Chloride - Hexahydrate		
Aluminum Hydroxide		
Aluminum Nitrate - Anhydrous		
Aluminum Nitrate - Nonahydrate		
Aluminum Oxide		
Aluminum Potassium Sulfate		
Aluminum Sodium Sulfate		
Aluminum Sulfate - 18 hydrate		
Aluminum Sulfate - Anhydrous		
Aminodiphenyl, 4-		
Ammonium Acetate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Ammonium Bicarbonate		
Ammonium Bifluoride		
Ammonium Bromide		
Ammonium Carbonate		
Ammonium Chloride		
Ammonium Chromate		
Ammonium Citrate		
Ammonium Dichromate		
Ammonium Fluoride		
Ammonium Hydroxide (<1 Molar)		
Ammonium Hydroxide (>6 Molar)		
Ammonium Hydroxide (1 Molar to 6 Molar)		
Ammonium Iodide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Ammonium Metavanadate		
Ammonium Molybdate		
Ammonium Nitrate		
Ammonium Nitrite		
Ammonium Oxalate - Anhydrous		
Ammonium Oxalate - Monohydrate		
Ammonium Perchlorate		
Ammonium Persulfate		
Ammonium Phosphate - Dibasic		
Ammonium Phosphate - Monobasic		
Ammonium Polysulfide		
Ammonium Sulfate		
Ammonium Sulfide		



Chemical Name	Inventory Containers Capacity	Inventory Units
Ammonium Tartrate		
Ammonium Thiocyanate		
Amyl Acetate		
Amylase		
Anasol		
Anhydrous Ammonia		
Aniline		
Aniline Acetate		
Aniline Blue		
Aniline Hydrochloride		
Anthracene		
Anthranilic Acid		

Chemical Name	Inventory Containers Capacity	Inventory Units
Antimony - Metal Lump		
Antimony - Powder		
Antimony Potassium Tartrate		
Antimony Trichloride		
Arabinose		
Arginine		
Arsenic - Metal Lump		
Arsenic - Powder		

Chemical Name	Inventory Containers Capacity	Inventory Units
Arsenic Trioxide		
Arsine		
Asbestos		
Ascarite		
Ascorbic Acid		
Asparagine		
Aspartic Acid		
Barfoed Reagent		
Barium - Metal Lump		
Barium - Powder		
Barium Acetate		
Barium Carbonate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Barium Chloride		
Barium Chromate		
Barium Hydroxide		
Barium Nitrate		
Barium Peroxide		
Barium Sulfate		
Benedict's Reagent		
Benzaldehyde		
Benzene		

Chemical Name	Inventory Containers Capacity	Inventory Units
Benzidine		
Benzoic Acid		
Benzoin		
Benzonitrile		
Benzophenone		
Benzoyl Chloride		
Benzoyl Peroxide		
Benzyl Alcohol		
Benzylaminopurine		
Beryllium - Metal Lump		
Beryllium - Powder		
Beryllium Hydroxide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Beryllium Oxide		
Beryllium Sulfate		
Bile Salts		
Bismarck Brown Y		
Bismuth - Metal Lump		
Bismuth - Powder		
Bismuth Nitrate		
Bismuth Subnitrate		
Bismuth Trichloride		
Biuret		
Biuret Reagent		
Boric Acid		

Chemical Name	Inventory Containers Capacity	Inventory Units
Boron Trichloride		
Bouin's Fixative		
Brilliant Cresyl Blue		
Brilliant Green		
Bromine		
Bromine Water		
Bromobenzene		
Bromobutane		
Bromocresol Green		
Bromocresol Purple		
Bromoform		
Bromphenol Blue		

Chemical Name	Inventory Containers Capacity	Inventory Units
Bromthymol Blue		
Butadiene		
Butanol, 1-		
Butanol, 2-		
Butoxyethanol		
Butyl Acetate		
Butyl Stearate		
Butylated Hydroxytoluene		
Butyraldehyde		
Butyric Acid		
Cadmium - Metal Lump		
Cadmium - Powder		
Cadmium Chloride - Anhydrous		



Chemical Name	Inventory Containers Capacity	Inventory Units
Cadmium Chloride - Pentahydrate		
Cadmium Nitrate - Anhydrous		
Cadmium Nitrate - Tetrahydrate		
Cadmium Oxide		
Cadmium Sulfate - Anhydrous		
Cadmium Sulfate - Octahydrate		
Caffeine		
Calcium - Metal Lump		
Calcium - Powder		
Calcium Acetate		
Calcium Bromide		
Calcium Carbide		
Calcium Carbonate		
Calcium Chloride		

Chemical Name	Inventory Containers Capacity	Inventory Units
Calcium Chloride		
Calcium Cyanide		
Calcium Fluoride		
Calcium Gluconate		
Calcium Hydroxide		
Calcium Hypochlorite		
Calcium Iodide		
Calcium Nitrate - Anhydrous		
Calcium Nitrate - Hydrate		
Calcium Oxide		
Calcium Phosphate, Dibasic		
Calcium Phosphate, Monobasic		
Calcium Phosphate, Tribasic		

Chemical Name	Inventory Containers Capacity	Inventory Units
Calcium Sulfate - Dihydrate		
Calcium Sulfate - Hemihydrate		
Calcium Sulfide		
Calmagite		
Camphor		
Canadian Balsam		
Canadian Balsam in Xylene		
Carbol Fuchsin		
Carbon		
Carbon Black		
Carbon Disulfide		
Carbon Monoxide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Carbon Tetrachloride		
Carbonyl Sulfide		
Carmine		
Carnauba Wax		
Carnoy's Fixative		
Casein		
Catalase		
Catechol		
Cedarwood Oil		
Cellulose		
Cerium Ammonium Nitrate		
Cesium Chloride		
Cetyl Alcohol		

Chemical Name	Inventory Containers Capacity	Inventory Units
Charcoal		
Chloral Hydrate		
Chloretone		
Chlorine		
Chlorine Trifluoride		
Chlorine Water		
Chlorobenzene		
Chloroethanol		
Chloroform		
Chlorophenol		
Chlorophenol Red		
Chlorophyllin		

Chemical Name	Inventory Containers Capacity	Inventory Units
Chloroprene		
Chloropromazine		
Chlorosulfonic Acid		
Cholesterol		
Chromatography Solvent		
Chromic Acid		
Chromium - Metal Lump		
Chromium - Powder		
Chromium Chloride - Anhydrous		
Chromium Chloride - Hydrate		
Chromium Nitrate		
Chromium Oxide		
Chromium Potassium Sulfate - Anhydrous		

Chemical Name	Inventory Containers Capacity	Inventory Units
Chromium Potassium Sulfate - Dodecahydrate		
Chromium Sulfate		
Chromium Trioxide		
Chy-Max		
Cinnamaldehyde		
Citric Acid		
Clayton Yellow		
Clove Oil		
Cobalt - Metal Lump		
Cobalt - Powder		
Cobalt Carbonate		
Cobalt Chloride - Anhydrous		
Cobalt Chloride - Hydrate		
Cobalt Nitrate - Anhydrous		

Chemical Name	Inventory Containers Capacity	Inventory Units
Cobalt Nitrate - Hydrate		
Cobalt Oxide		
Cobalt Sulfate		
Colchicine		
Collodion		
Congo Red		
Copper - Metal Lump		
Copper - Powder		
Copper Acetate - Anhydrous		
Copper Acetate - Hydrate		
Copper Bromide		



Chemical Name	Inventory Containers Capacity	Inventory Units
Copper Carbonate		
Copper Chloride - Anhydrous		
Copper Chloride - Dihydrate		
Copper Hydroxide		
Copper Nitrate - Anhydrous		
Copper Nitrate - Hemipentahydrate		
Copper Nitrate - Trihydrate		
Copper Sulfate		
Creatine		
Creatinine		
Creosote		

Chemical Name	Inventory Containers Capacity	Inventory Units
Cresol		
Cresol Purple		
Cresol Red		
Cresol Red, Sodium Salt		
Crystal Violet		
Cumene		
Cupric Cyanide		
Cupric Oxide		
Cupric Sulfide		
Cuprous Acetate		
Cuprous Chloride		
Cuprous Cyanide		
Cuprous Oxide		
Cuprous Sulphide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Cyanogen Bromide		
Cyclohexane		
Cyclohexanol		
Cyclohexanone		
Cyclohexene		
Cysteine		
Decanoic Acid		
Denatured Alcohol		
Dextrin		
Dextrose		
Diastase of Malt		
Diatomaceous Earth		

Chemical Name	Inventory Containers Capacity	Inventory Units
Dibromo-3-chloropropane, 1,2-		
Dibutyl Phthalate		
Dichlorobenzidine		
Dichloroethane		
Dichloroindophenol, Sodium Salt		
Dichlorophenoxy Acetic Acid		
Diethylamine		
Dimethyl Aniline		
Dimethyl Sulfoxide		
Dimethylaminoazobenzene, 4-		
Dimethylglyoxime		
Dimethylglyoxime Solution		

Chemical Name	Inventory Containers Capacity	Inventory Units
Dinitrophenol		
Dinitrophenyl Hydrazine		
Dioxane		
Diphenylamine		
Dithizone		
Dodecanol		
Drierite		
Duplicating Fluid		
Eosin Y		
Eriochrome Black T		
Erythrosin B		
Estrone		

Chemical Name	Inventory Containers Capacity	Inventory Units
Ethanol		
Ethanolamine		
Ethidium Bromide		
Ethoxyethanol		
Ethyl Acetate		
Ethyl Chloride		
Ethyl Ether		
Ethyl Iodide		
Ethyl Nitrate		
Ethylene Glycol		
Ethylene Oxide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Ethylenediamine		
Ethylenediamine Tetraacetic Acid		
Ethyleneimine		
FAA Solution		
Fast Green		
Fehling's Solution A		
Fehling's Solution B		
Ferric Ammonium Citrate		
Ferric Ammonium Sulfate		
Ferric Oxide		
Ferric Sulfate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Ferrouin Solution		
Ferrous Oxide		
Ferrous Sulfate, Anhydrous		
Ferrous Sulfate, Heptahydrate		
Fluorescein		
Formaldehyde		
Formalin		
Formalternate		
Formamide		
Formic Acid		
Fructose		
Fuchsin Acid		



Chemical Name	Inventory Containers Capacity	Inventory Units
Fuchsin Basic		
Fuller's Earth		
Fumaric Acid		
Furfural		
Galactose		
Gallium - Metal Lump		
Gastric Juice		
Gelatin		
Gibberellic Acid		
Giemsa Stain		
Giemsa Stain Solution		
Gilson's Fixative		
Glucose		

Chemical Name	Inventory Containers Capacity	Inventory Units
Glutaraldehyde (<6%)		
Glutaraldehyde (>6%)		
Glutathione		
Glycerin		
Glycine		
Glycogen		
Glyoxal		
Glyoxal Solution		
Gram's Iodine Stain		
Graphite		
Guaiacol		
Guar Gum		
Gum Arabic		
Gum Rosin		

Chemical Name	Inventory Containers Capacity	Inventory Units
Gunpowder		
Hayem Diluting Fluid		
Helium		
Hematoxylin		
Heptane		
Hexachlorophene		
Hexamethylenediamine		
Hexamethylenediamine - Sodium Hydroxide Solution		
Hexane		
Hexane/Acetone Aerosol Sprays		
Hexanol		

Chemical Name	Inventory Containers Capacity	Inventory Units
Hydrazine		
Hydrazine Sulfate		
Hydriodic Acid		
Hydrobromic Acid		
Hydrochloric Acid (<1 molar)		
Hydrochloric Acid (>6 molar)		
Hydrochloric Acid (1 molar to 6 molar )		
Hydrofluoric Acid		
Hydrogen		

Chemical Name	Inventory Containers Capacity	Inventory Units
Hydrogen Bromide		
Hydrogen Chloride		
Hydrogen Peroxide ( <4%)		
Hydrogen Peroxide ( 20% to 30% )		
Hydrogen Peroxide ( 4% to 20% )		
Hydrogen Peroxide (>31% )		
Hydrogen Sulfide Gas		
Hydrogen Sulfide Water		
Hydroquinone		
Hydroxy Naphthol Blue		
Hydroxylamine Hydrochloride		
Immersion Oil		
Immersion Oil - Containing PCBs		

Chemical Name	Inventory Containers Capacity	Inventory Units
Indigo Carmine		
Indigo Dye		
Indole-3-Acetic Acid		
Indole-3-Butyric Acid		
Invertase		
Iodine		
Iodine Potassium Iodide Solution		
Iodine Tincture		
Iron - Metal Lump		
Iron - Powder		
Iron Chloride		
Iron Nitrate - 9 Hydrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Iron Nitrate - Anhydrous		
Iron Sulfide		
Isobutanol		
Isopropanol		
Isopropyl Ether		
Isovaleric Acid		
Janus Green B		
Kaolin		
Kerosene		
Kinetin		
Kleermount in Xylene		
Knop's Solution		
Lactic Acid		

Chemical Name	Inventory Containers Capacity	Inventory Units
Lactose		
Lanolin		
Lanthanum Nitrate - Anhydrous		
Lanthanum Nitrate - Hexahydrate		
Latex		
Lauric Acid		
Lauroyl Peroxide		
Lead - Metal Lump		
Lead - Powder		
Lead Acetate - Dibasic		
Lead Acetate - Monobasic		
Lead Arsenate		



Chemical Name	Inventory Containers Capacity	Inventory Units
Lead Bromide		
Lead Carbonate		
Lead Carbonate - Basic		
Lead Chloride		
Lead Chromate		
Lead Diiodide		
Lead Dioxide		
Lead Iodide		
Lead Monooxide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Lead Nitrate		
Lead Oxide		
Lead Sulfate		
Lead Sulfide		
Lead Tetroxide		
Levulose		
Limewater		
Linseed Oil		
Lipase		
Lithium - Metal Lump		
Lithium - Powder		

Chemical Name	Inventory Containers Capacity	Inventory Units
Lithium Aluminum Hydride		
Lithium Carbonate		
Lithium Chloride		
Lithium Fluoride		
Lithium Hydroxide - Anhydrous		
Lithium Hydroxide - Monohydrate		
Lithium Nitrate		
Lithium Sulfate - Anhydrous		
Lithium Sulfate - Hydrate		
Litmus		
Lugol's Iodine		
Lull-A-Fly		

Chemical Name	Inventory Containers Capacity	Inventory Units
Luminol		
Lycopodium		
Lysine HCl		
Lysozyme		
Magnesium - Metal Lump		
Magnesium - Powder		
Magnesium Acetate		
Magnesium Bromide - Anhydrous		
Magnesium Bromide - Hexahydrate		
Magnesium Carbonate - Anhydrous		
Magnesium Carbonate - Hydrate		
Magnesium Chloride - Anhydrous		

Chemical Name	Inventory Containers Capacity	Inventory Units
Magnesium Chloride - Hexahydrate		
Magnesium Hydroxide		
Magnesium Nitrate - Anhydrous		
Magnesium Nitrate - Hexahydrate		
Magnesium Oxide		
Magnesium Perchlorate		
Magnesium Sulfate		
Malachite Green		
Maleic Acid		
Malonic Acid		
Maltose, D- - Anhydrous		
Maltose, D- - Monohydrate		
Manganese - Metal Lump		

Chemical Name	Inventory Containers Capacity	Inventory Units
Manganese - Powder		
Manganese (II) Chloride - Anhydrous		
Manganese (II) Chloride Tetrahydrate		
Manganese (II) Nitrate - Anhydrous		
Manganese (II) Nitrate - Tetrahydrate		
Manganese (II) Sulfate - Anhydrous		
Manganese (II) Sulfate - Monohydrate		
Manganese Carbonate		
Manganese Peroxide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Mannitol		
Menthol		
Mercaptoethanol		
Mercuric Bichloride		
Mercuric Chloride		
Mercuric Iodide		
Mercuric Nitrate monohydrate		
Mercuric Sulfate		
Mercurochrome		
Mercurous Chloride		
Mercurous Nitrate		
Mercurous Nitrate (mercury (I) nitrate)		

Chemical Name	Inventory Containers Capacity	Inventory Units
Mercurous Sulfate		
Mercury - Elemental		
Mercury Oxide		
Mercury Sulfide		
Mercury Thermometers		
Methanol		
Methionine		
Methoxyethanol		
Methyl Blue		
Methyl Bromide		
Methyl Cellulose		



Chemical Name	Inventory Containers Capacity	Inventory Units
Methyl Ethyl Ketone		
Methyl Green		
Methyl Iodide		
Methyl Isobutyl Ketone		
Methyl Isocyanate		
Methyl Isopropyl Ketone		
Methyl Mercaptan		
Methyl Methacrylate		
Methyl Orange		
Methyl Paraben		
Methyl Red		
Methyl Red - Sodium Salt		
Methyl Salicylate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Methyl Tert-Butyl Ether		
Methyl Violet		
Methylamine		
Methylchloromethyl Ether		
Methylene Blue		
Methylene Chloride		
Millon's Reagent		
Mineral Oil		
Molisch Reagent		
Molybdenum - Metal Lump		
Molybdenum - Powder		
Molybdenum Oxide		
Molybdenum Trioxide		
Monosodium Glutamate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Murexide		
Muriatic Acid		
Naphthalene		
Naphthalene Acetic Acid		
Naphthol, 1-		
Naphthol, 2-		
Naphthol-6-Sulfonic Acid - Sodium Salt		
Naphthylamine		
Naphthylethylenediamine Dihydrochloride		
Neodymium Chloride		
Nessler's Reagent		

Chemical Name	Inventory Containers Capacity	Inventory Units
Neutral Red		
Niacin		
Nickel - Metal Lump		
Nickel - Powder		
Nickel Acetate		
Nickel Ammonium Sulfate		
Nickel Chloride - Anhydrous		
Nickel Chloride - Hexahydrate		
Nickel Monoxide		
Nickel Nitrate - Anhydrous		
Nickel Nitrate - Hexahydrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Nickel Sulfate - Anhydrous		
Nickel Sulfate - Hexahydrate		
Nickel Trioxide		
Nicotine		
Nigrosin		
Ninhydrin		
Nitric Acid (<1 molar)		
Nitric Acid (>6 molar)		
Nitric Acid (1 molar to 6 molar)		
Nitrilotriacetic Acid		
Nitroacetanilide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Nitrobenzaldehyde		
Nitrobenzene		
Nitrocellulose		
Nitrogen		
Nitrogen Triiodide		
Nitroglycerin		
Nitrophenol, 3-		
Nitrophenol, 4-		
Nitrophenylazo Resorcinol		
Nitrosodimethylamine, N-		
Octadecanol		

Chemical Name	Inventory Containers Capacity	Inventory Units
Octanol, 1-		
Octanol, 2-		
Octyl Phenol		
Oleic Acid		
Onion's Fusible Alloy		
Orange G		
Orange IV		
Orcein		
Orcinol		
Ortho-dichlorobenzene		
Osmium Tetroxide		
Oxalic Acid - Anhydrous		
Oxalic Acid - Dihydrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Oxygen		
Palmitic Acid		
Pancreatin		
Papain		
Para-dichlorobenzene		
Paraffin		
Paraformaldehyde		
Paraldehyde		
Paris Green		
Penicillin G Sodium		
Pentachlorophenol		



Chemical Name	Inventory Containers Capacity	Inventory Units
Pentane		
Pentanol, 1-		
Pentanol, 2-		
Peppermint Oil		
Pepsin		
Peptone		
Perchloric Acid		
Perchloroethylene		
Permunt		
Petrolatum		
Petroleum Ether		

Chemical Name	Inventory Containers Capacity	Inventory Units
pH 10 Buffer - Ammonium Hydroxide		
pH 10 Buffer - Borate		
pH 10 Buffer - Clear		
pH 4 Buffer - Acetate		
pH 4 Buffer - Biphthalate		
pH 7 Buffer - Phosphate		
pH 7.4 Buffer - Tris		
Phenanthroline		
Phenol		
Phenol Red		

Chemical Name	Inventory Containers Capacity	Inventory Units
Phenolphthalein		
Phenolphthalein - Ethanol Solution		
Phenyl Salicylate		
Phenylarsine Oxide - Solid		
Phenylarsine Oxide - Solution		
Phenylhydrazine Hydrochloride		
Phenylthiocarbamide		
Phloroglucinol		
Phosphomolybdic Acid		
Phosphoric Acid (<1 molar)		
Phosphoric Acid (>6 molar)		
Phosphoric Acid (1 molar to 6 molar)		

Chemical Name	Inventory Containers Capacity	Inventory Units
Phosphorus - Red		
Phosphorus - White		
Phosphorus - Yellow		
Phosphorus Pentasulfide		
Phosphorus Pentoxide		
Phosphorus Trichloride		
Phthalic Anhydride		
Physostigmine		
Picric Acid		
Polyethylene Glycol		
Polyurethane Foam - Part A		

Chemical Name	Inventory Containers Capacity	Inventory Units
Polyurethane Foam – Part B		
Polyvinyl Alcohol		
Potassium - 0.5 gram Chips		
Potassium - Chunks		
Potassium Acetate		
Potassium Bicarbonate		
Potassium Binoxalate		
Potassium Bisulfate		
Potassium Bitartrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Potassium Bromate		
Potassium Bromide		
Potassium Carbonate - Anhydrous		
Potassium Carbonate - Sesquahydrate		
Potassium Chlorate		
Potassium Chloride		
Potassium Chromate		
Potassium Citrate		
Potassium Cyanide		
Potassium Dichromate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Potassium Ferricyanide		
Potassium Ferrocyanide		
Potassium Fluoride		
Potassium Hydrogen Phthalate		
Potassium Hydroxide - Solid		
Potassium Hydroxide (<1 molar)		
Potassium Hydroxide (>6 molar)		
Potassium Hydroxide (1 molar to 6 molar)		
Potassium Iodate		
Potassium Iodide		
Potassium Nitrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Potassium Nitrite		
Potassium Oxalate		
Potassium Perchlorate		
Potassium Periodate		
Potassium Permanganate		
Potassium Peroxide		
Potassium Persulfate		
Potassium Phosphate - Dibasic		
Potassium Phosphate - Monobasic		
Potassium Phosphate - Tribasic		
Potassium Sodium Tartrate		
Potassium Sulfate		



Chemical Name	Inventory Containers Capacity	Inventory Units
Potassium Sulfide		
Potassium Tartrate		
Potassium Thiocyanate		
Praseodymium Chloride		
Propane		
Propanol		
Propiolactone, b-		
Propionic Acid		
Propylene Glycol		
Pyridine		
Pyrogallol		
Quinine Sulfate		
Resazurin		
Resorcinol		

Chemical Name	Inventory Containers Capacity	Inventory Units
Rhodamine B		
Ringer's Solution		
Rose Bengal		
Safranin O		
Safranin Staining Solution		
Salicylic Acid		
Schiff Reagent		
Sebacoyl Chloride		
Sebacoyl Chloride/Hexane Solution		
Selenium - Metal Lump		
Selenium - Powder		
Silica Gel		

Chemical Name	Inventory Containers Capacity	Inventory Units
Silicon		
Silicon Oil		
Silicon Tetrafluoride		
Silver - Metal Lump		
Silver Acetate		
Silver Chloride		
Silver Cyanide		
Silver Nitrate		
Silver Oxide		
Silver Sulfate		
Soda Lime		
Sodium - 0.5 Gram Pieces		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium - Chunks		
Sodium Acetate - Anhydrous		
Sodium Acetate - Hydrate		
Sodium Alginate		
Sodium Arsenate		
Sodium Arsenite		
Sodium Azide		
Sodium Benzoate		
Sodium Bicarbonate		
Sodium Bifluoride		
Sodium Bismuthate		
Sodium Bisulfate - Anhydrous		
Sodium Bisulfate - Monohydrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Bisulfite		
Sodium Borate		
Sodium Borohydride		
Sodium Bromate		
Sodium Bromide		
Sodium Carbonate		
Sodium Chlorate		
Sodium Chloride		
Sodium Chromate - Anhydrous		
Sodium Chromate - Tetrahydrate		
Sodium Citrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Cobaltinitrite		
Sodium Cyanide		
Sodium Deoxycholate		
Sodium Dichloroindophenol		
Sodium Dichromate - Anhydrous		
Sodium Dichromate - Dihydrate		
Sodium Diphenylamine Sulfonate		
Sodium Dithionite		
Sodium Ferricyanide		
Sodium Ferrocyanide		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Fluoride		
Sodium Fluoroacetate		
Sodium Hexametaphosphate		
Sodium Hydroxide - Solid		
Sodium Hydroxide - solution (<1 molar)		
Sodium Hydroxide - solution (>6 molar )		
Sodium Hydroxide - solution (1 M to 6 M)		
Sodium Hypochlorite - Solution (<6%)		
Sodium Hypochlorite - Solution (>6%)		
Sodium Iodate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Iodide		
Sodium Lactate		
Sodium Lauryl Sulfate		
Sodium Metabisulfite		
Sodium Metasilicate		
Sodium Molybdate - Anhydrous		
Sodium Molybdate - Dihydrate		
Sodium Nitrate		
Sodium Nitrite		
Sodium Nitroferricyanide		
Sodium Oleate		



Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Oxalate		
Sodium Perborate		
Sodium Perchlorate		
Sodium Peroxide		
Sodium Phosphate - Dibasic - Anhydrous		
Sodium Phosphate - Dibasic - Heptahydrate		
Sodium Phosphate - Monobasic		
Sodium Phosphate - Tribasic		
Sodium Polyacrylate		
Sodium Rhodizonate		
Sodium Salicylate		
Sodium Silicate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sodium Sulfamate		
Sodium Sulfate		
Sodium Sulfide		
Sodium Sulfite		
Sodium Tartrate Anhydrous		
Sodium Tartrate Dihydrate		
Sodium Thiocyanate		
Sodium Thiosulfate - Anhydrous		
Sodium Thiosulfate - Pentahydrate		
Sodium Tungstate		
Stannic Chloride		
Stannous Chloride		
Starch		

Chemical Name	Inventory Containers Capacity	Inventory Units
Stearic Acid - Laboratory Grade		
Stearic Acid - Reagent Grade		
Streptomycin Sulfate		
Strontium		
Strontium Bromide		
Strontium Carbonate		
Strontium Chloride		
Strontium Hydroxide Octahydrate		
Strontium Hydroxide Solution		
Strontium Nitrate		
Strychnine		
Styrene		
Succinic Acid		
Sucrose		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sudan III		
Sudan III Solution		
Sudan IV		
Sudan IV Solution		
Sudan Yellow		
Sulfamic Acid		
Sulfanilamide		
Sulfanilic Acid		
Sulfosalicylic Acid		
Sulfur - Precipitated		
Sulfur Dioxide		
Sulfur Hexafluoride		
Sulfurated Potash		

Chemical Name	Inventory Containers Capacity	Inventory Units
Sulfuric Acid (<1 molar)		
Sulfuric Acid (>6 molar)		
Sulfuric Acid (1 molar to 6 molar)		
Talc		
Tannic Acid		
Tartaric Acid		
Tert-Butanol		
Testosterone		
Testosterone Propionate		
Tetrabromoethane		
Tetracycline Hydrochloride		
Tetrafluoroethylene		
Tetrahydrofuran		

Chemical Name	Inventory Containers Capacity	Inventory Units
Tetramethyl-p-phenylenediamine Dihydrochloride		
Thallium		
Thermit		
Thermit Igniting Sticks		
Thiamine Hydrochloride		
Thimerosal		
Thioacetamide		
Thionin		
Thionyl Chloride		
Thiourea		

Chemical Name	Inventory Containers Capacity	Inventory Units
Thorium Nitrate		
Thymol		
Thymol Blue		
Thymolphthalein		
Thymolphthalein Solution		
Thyroxine		
Tin - Metal Lump		
Tin - Powder		
Tin Oxide		
Titanium Dioxide		
Titanium Tetrachloride		
Titanium Trichloride		

Chemical Name	Inventory Containers Capacity	Inventory Units
Tollen's Reagent		
Toluene		
Toluidine Blue O		
Toluidine, o-		
Tricaine Methanesulfonate		
Trichloroacetic Acid		
Trichloroethane		
Trichloroethylene		
Trichlorotrifluoroethane		
Triethanolamine		
Triethyl Phosphate		



Chemical Name	Inventory Containers Capacity	Inventory Units
Triethylamine		
Trimethylamine		
Trinitrobenzene		
Trinitrotoluene		
Triphenyl Tetrazolium Chloride		
Tris-Hydroxymethyl Aminomethane		
Triton X-100		
Turpentine		
Tyrosine		
Universal Indicator		
Uranium		
Uranyl Acetate		
Uranyl Nitrate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Urea		
Urease		
Urethane		
Vanadium Pentoxide		
Vegetable Oil		
Vinyl Chloride		
Vinyl Ether		
Winkler's Solution #1		
Winkler's Solution #2		
Wood's Metal		
Wright's Stain		
Wright's Stain Solution		
Xylene		
Xylose		

Chemical Name	Inventory Containers Capacity	Inventory Units
Yttrium Oxide		
Zenker's Fixative		
Zeolite		
Zinc - Metal Lump		
Zinc - Powder		
Zinc Acetate		
Zinc Carbonate		
Zinc Carbonate - Basic		
Zinc Chloride		
Zinc Nitrate - Anhydrous		
Zinc Nitrate - Hexahydrate		
Zinc Oxide		
Zinc Stearate		

Chemical Name	Inventory Containers Capacity	Inventory Units
Zinc Sulfate - 7-Hydrate		
Zinc Sulfate - Anhydrous		
Zinc Sulfate - Monohydrate		
Zinc Sulfide		
Zirconium Tetranitrate		