










COMMON LAB CHEMICALS AND ASSOCIATED HAZARDS

Including by not limited to:

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|---|--|--|--|---|---|
| <p>Flammable/ Ignitable</p> <p><i>Pyrophorics Self-Heating Self-Reactive Organic Peroxides</i></p>  | <p>Acetone Dimethyl sulfoxide (DMSO) Ethanol Ethylamines Methanol TEMED Toluene Xylene</p> | <p>Toxic</p> <p><i>Acute Toxicity (fatal or toxic) Oral, dermal, inhalation</i></p>  | <p>2-Mercaptoethanol (βme) Chloroform Phenol Acrylamide Formaldehyde Ethidium bromide Silver chloride Silver cyanide Cyanides Sulfides Sodium azide Methylene chloride Okadaic acid</p> | <p>Corrosive</p> <p><i>Skin corrosion/burns Eye damage Corrosive to Metals</i></p>  | <p>2-Mercaptoethanol (βme) Glacial acetic acid Hydrochloric acid Phosphoric acid Potassium hydroxide Sodium hydroxide Sulfuric acid</p> |
| <p>Reactive</p> <p><i>Self-Reactive Organic Peroxides</i></p>  | <p>Ammonium nitrate Ammonium perchlorate Calcium nitrate Nitroglycerin Peroxides Picric acid Perchlorate Silver azide Sodium azide mixtures TNT [trinitrotoluene]</p> | <p>Oxidizer</p> <p><i>Oxidizing gases Oxidizing liquids Oxidizing solids</i></p>  | <p>Ammonium persulfate Hydrogen peroxide Nitric acid Perchloric acid Potassium nitrate</p> | <p>Compressed Gas</p> <p><i>Gases under pressure</i></p>  | <p>CO₂ gas N₂ gas O₂ gas</p> |
| <p>Irritant</p> <p><i>Skin Irritation Respiratory Tract Irritant Serious Eye Damage Serious Eye Irritation Acute Toxicity (harmful)</i></p>  | <p>2-Mercaptoethanol (βme) Acrylamide powder Ammonium chloride Chloroform Formaldehyde Potassium hydroxide Halogens Okadaic acid Sodium dodecyl sulfate powder (SDS) TEMED Xylene</p> | <p>Health Hazard</p> <p><i>Carcinogen Mutagenicity Reproductive Toxicity Respiratory Sensitizer Target Organ Toxicity Aspiration Toxicity</i></p>  | <p>2-Mercaptoethanol (βme) Acrylamide Benzene Bromine Chloroform Ethidium bromide Formaldehyde Lead compounds Phenol Trypan blue Xylene</p> | <p>Environmental</p> <p><i>Aquatic Toxicity</i></p>  | <p>2-Mercaptoethanol (βme) Acetone Dimethyl sulfoxide (DMSO) Chloroform Ethanol Methanol Cycloheximide Benzene Copper sulfate Toluene Xylene</p> |