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| Class of Chemicals | Safety Markings (GHS & TDG) | Storage Considerations | Examples | Incompatible | |
|----------------------------|---|---|--|---|--|
| Flammable Liquids |  | Store in a yellow flammable storage cabinet. Date peroxide-forming chemicals. | Ethanol, Methanol, Acetone, Xylene, Toluene |  | |
| Toxics |  | Ventilated, dry, cool area in secondary containment. | HR-2725, ROC-55x, Triethylene Glycol |  | |
| Corrosive Acids, Inorganic |  | Store in blue corrosive storage cabinets, marked ACID or on protected shelving and in secondary containment | Hydrochloric Acid, Sulfuric Acid, Nitric Acids |  | Metal Shelving, Cyanides, Sulfides Bases, Organic Acids |
| Corrosive Acids, Organic |  | Store in blue corrosive storage cabinets, marked ACID or on protected shelving and in secondary containment. | Acetic Acid, Citric Acid |  | Metal Shelving, Cyanides, Sulfides. Bases, Inorganic Acids |
| Corrosive Bases, Inorganic |  | Store in blue corrosive storage cabinets, or on protected shelving. Store away from acids. | Sodium Hydroxide, Sodium Hypochlorite |  | Acids, Organic Bases |
| Corrosive Bases, Organic |  | Store in blue corrosive storage cabinets, or on protected shelving. Store away from acids and inorganic bases. | Amines, Ammonia |  | Hypochlorite, Acids, Inorganic Bases |
| Flammable Solids |  | Cool, dry location. Away from oxidizers and corrosives. | Carbon, Charcoal |  | |
| Oxidizers |  | Secondary containment with non-combustible inorganic material | Nitrates |  | Organic Material |
| Water Reactive |  | Cool, dry location. Protect from fire suppression system and other sources of water. Label area for water-reactive storage. | Sodium, Lithium, Sodium Hydroxide Pellets |  | Aqueous Solutions Water Solutions |
| Explosives |  | Secure location. Away from other chemicals and sources of shock or friction. | | Refer to Safety Data Sheet. Ask Environmental Health & Safety Advisor | |
| Gas Cylinders |  | Secured in a flat, dry area that is adequately ventilated. | |  | Vehicle Impact. Ignition and Heat Sources |
| Nuclear Gauges |  | Secure location, in packaging, away from personnel. | | Contact Site Radiation Safety Officer. Do not accept the package, without the Radiation Safety Officer. | |