

GHS & TDG Chemical Segregation & Storage



Always check the chemical manufacturer's Safety Data Sheet for specific details.

Class of Chemicals	Safety Markings	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 or inorganic material	Nitrates	Organic Material, Ignition and Heat Sources
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