CHEMICAL STORAGE FLOW CHART
To be used in conjunction with the Hazardous Materials Compatibility Chart, Fisher Color Code or Flinn Safety Systems.

Solids
- Further segregation necessary, use above compatibility systems.
  - Inorganic
  - Organic

Extremely Toxic
- (i.e.: Tetrodotoxin, Brucine, Strychnine, volatile metal carbonyls, etc.)
- Locked Storage

Special Cases
- H₂O Reactive: Li, Na, and K metals. Alkyl-Li’s, Metal-Hydrides, Grignard reagents
- In hood – small quantities only: Thioles, Fuming: Sulfuric, Nitric, & Chlorosulfonic Acids. HF & Br₂

Liquids

Flammable
- Flash Point: <200°F in Flammable Storage Cabinet. Lowest Flash Points have highest priority. Pure liquid carboxylic acids. Halogenated Solvents may also be kept in Flammable Storage cabinet.

Non-Flammable

Corrosive

Acids
- Oxidizing Acids: HClO₄, HNO₃
- Non-Oxidizing Acids: H₂SO₄, HCl, H₃PO₄

Bases
- Hydroxides

Non-Corrosive
- dil. alc.’s (<25%)
- Aqueous solutions such as buffers, salts, etc.
- Shelf or cabinet

Key: □ = Separate Storage Area □□□□□□□□□□ = Secondary Containment for the group each = Secondary Containment for each item in the group

For further information, contact Environmental Health and Safety at 882-7018.