# SUGGESTED SHELF STORAGE PATTERN-INORGANIC

INORGANIC #10 Sulfur, Phosphorus, Arsenic, Phosphorus Pentoxide

#### **INORGANIC #2**

Halides, Sulfates, Sulfites, Thiosulfates, Phosphates, Halogens, Acetates, Oxalates, Phthalates, Oleates, Iodides

### **INORGANIC #3**

Amides, Nitrates (not Ammonium Nitrate), Nitrites, Azides (Store Ammonium Nitrate away from all other substances—*ISOLATE IT*!)

## **INORGANIC #1**

Metals & Hydrides (Store away from any water.) (Store flammable solids in flammables cabinet.)

**INORGANIC #4** 

Hydroxides, Oxides, Silicates, Carbonates, Carbon

If possible avoid using the floor.

## **Storage Suggestions**

- 1. Avoid storing chemicals on the floor (even temporarily).
- 2. No top shelf chemical storage.
- 3. No chemicals stored above eye level.
- 4. Shelf assemblies are firmly secured to walls. Avoid island shelf assemblies.
- 5. Provide anti-roll-off lips on all shelves. (Catalog No. SE1069)
- 6. Ideally, shelving assemblies would be of wood construction.
- 7. Avoid adjustable metal shelf supports and clips. Better to use fixed, wooden supports.
- 8. Store acids in a dedicated acid cabinet. Store nitric acid in the same cabinet **only** if isolated from other acids. Store both inorganic and some organic acids in the acid cabinet.
- 9. Store flammables in a dedicated flammables cabinet.
- 10. Store severe poisons in a dedicated poisons cabinet.

INORGANIC #9 Acids, except Nitric\* (Acids are best stored in dedicated cabinets.)

\*Store nitric acid away from other acids unless your acid cabinet provides a separate compartment for nitric acid.

**INORGANIC #7** 

Arsenates, Cyanides, Cyanates (Store away from any water.)

## **INORGANIC #5**

Sulfides, Selenides, Phosphides, Carbides, Nitrides

### **INORGANIC #8**

Borates, Chromates, Manganates, Permanganates, Molybdates, Vanadates

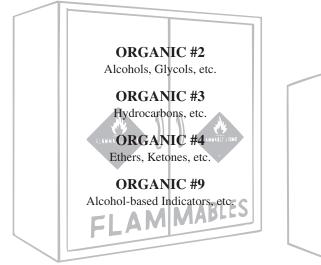
### **INORGANIC #6**

Chlorates, Bromates, Iodates, Chlorites, Hypochlorites, Perchlorates, Perchloric Acid, Peroxides, Hydrogen Peroxide

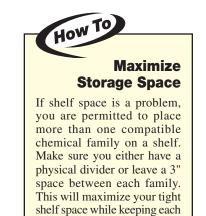
#### MISCELLANEOUS

# SUGGESTED SHELF STORAGE PATTERN-ORGANIC

**ORGANIC #2 ORGANIC #8** Alcohols, Glycols, Sugars, Amines, Amides, Imines, Imides Phenols, Cresols (Store flammables in a dedicated cabinet.) **ORGANIC #3 ORGANIC #6** Hydrocarbons, Oils, Esters, Aldehydes Peroxides, Hydroperoxides (Store flammables in a dedicated cabinet.) **ORGANIC #4 ORGANIC #1** Ethers, Ketones, Acids, Amino Acids, Halogenated Hydrocarbons, Anhydrides, Peracids Ethylene Oxide (Store certain organic acids in acid cabinet.) (Store flammables in a dedicated cabinet.) **ORGANIC #9 ORGANIC #5** Dyes, Stains, Indicators Epoxy Compounds, Isocyanates (Store alcohol-based solutions in flammables cabinet.) **ORGANIC #7 MISCELLANEOUS** Sulfides, Polysulfides If possible avoid using the floor.







compatible chemical family separate from one another.

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