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

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

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.
- 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.
- Avoid adjustable metal shelf supports and clips. Better to use fixed, wooden supports.
- 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.



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

SUGGESTED SHELF STORAGE PATTERN-ORGANIC

ORGANIC #2

Alcohols, Glycols, Sugars, Amines, Amides, Imines, Imides (Store flammables in a dedicated cabinet.)

ORGANIC #3

Hydrocarbons, Oils, Esters, Aldehydes (Store flammables in a dedicated cabinet.)

ORGANIC #4

Ethers, Ketones, Halogenated Hydrocarbons, Ethylene Oxide

(Store flammables in a dedicated cabinet.)

ORGANIC #5

Epoxy Compounds, Isocyanates

ORGANIC #7

Sulfides, Polysulfides

ORGANIC #8

Phenols, Cresols

ORGANIC #6

Peroxides, Hydroperoxides

ORGANIC #1

Acids, Amino Acids, Anhydrides, Peracids (Store **certain** organic acids in acid cabinet.)

ORGANIC #9

Dyes, Stains, Indicators (Store alcohol-based solutions in flammables cabinet.)

MISCELLANEOUS

If possible avoid using the floor.

ORGANIC #2

Alcohols, Glycols, etc.

ORGANIC #3

Hydrocarbons, etc.

ORGANIC #4

Ethers, Ketones, etc.

ORGANIC #9

Alcohol-based Indicators, etc.

Store severe poisons in locked Poisons Cabinet.

How To

Maximize Storage Space

If shelf space is a problem, you are permitted to place more than one compatible chemical family on a shelf. Make sure you either have a physical divider or leave a 3" space between each family. This will maximize your tight shelf space while keeping each compatible chemical family separate from one another.