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| **INORGANIC # 1**  **I**  Metals, Hydrides |  | **INORGANIC # 2**  **I**  Acetates, Halides, Iodides, Sulfates, Sulfites, Thiosulfites, Phosphates, Halogens |
| **INORGANIC # 3**  **I**  Amides, Nitrates, (except Ammonium  Nitrate, store as I8), Nitrites, Azides |  | **INORGANIC # 4**  **I**  Hydroxides, Oxides, Silicates,  Carbonates, Carbon  **I** |
| **INORGANIC # 5**  **I**  Sulfides, Selenides, Phosphides,  Carbides, Nitrides |  | **INORGANIC # 6** Chlorates, Bromates, Iodates, Chlorites, Hypochlorites, Perchlorates, Perchloric Acid, Peroxides, Hydrogen Peroxide |
| **INORGANIC # 7**  **I**  Arsenates, Cyanides, Cyanates |  | **INORGANIC # 8**  **I**  Borates, Chromates, Manganates,  Permanganates |
| **INORGANIC # 9**  **I**  Acids (except Nitric) (Nitric Acid is  isolated and stored by itself) |  | **INORGANIC # 10**  **I**  Sulfur, Phosphorus, Arsenic,  Phosphorous Pentoxide  **O** |
| **INORGANIC # M**  **I**  Inorganic Miscellaneous  **O** |  | **ORGANIC # 1**  Acids, Amino Acids, Anhydrides,  Peracids  **O** |
| **ORGANIC # 2**  Alcohols, Glycols, Sugars, Amines,  Amides, Imines, Imides  **O** |  | **ORGANIC # 3**  Hydrocarbons, Esters,  Aldehydes, Oils  **O** |
| **ORGANIC # 4**  Ethers, Ketones, Ketenes, Halogenated Hydrocabons, Ethylene Oxide  **O** |  | **ORGANIC # 7**  Sulfides, Polysulfides, Azides  **O** |
| **ORGANIC # 8**  Phenols, Cresols  **O** |  | **ORGANIC # 9**  Dyes, Stains, Indicators |
| **ORGANIC # M**  Organic Miscellaneous |  |  |
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