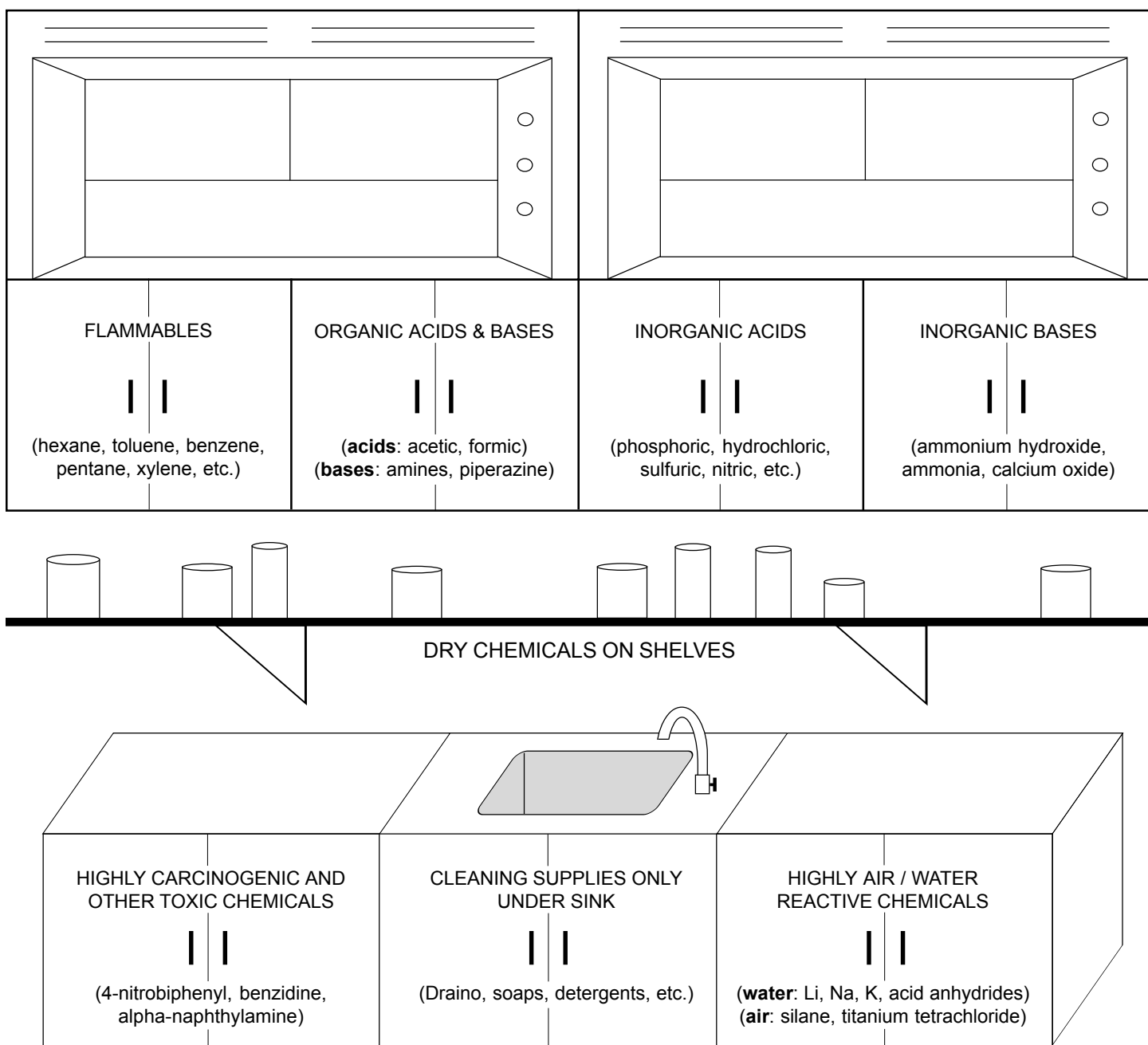


LABORATORY COMPATIBLE CHEMICAL STORAGE GROUPS



Major Chemical Storage Units with Examples:

- Organic Acids:* propionic acid, trichloroacetic acid, acetic anhydride, acetyl bromide
- Organic Bases:* hydroxylamine, ethylimine, tetramethylethylenediamine, triethylamine, phenylhydrazine
- Inorganic Acids:* hydrobromic acid, chlorosulfonic acid, sulfonyl chloride, hydriodic acid, stannous chloride
- Inorganic Bases:* hydrazine, sodium hydroxide and potassium hydroxide solutions
- Oxidizers:* nitrates, persulfate, peroxides, iodates, nitric acid, chlorates, ozone, nitrites, permanganate
- Flammables:* methanol, tetrahydrofuran, ethyl ether, ethyl acetate, heptane, ethanol, acetone
- Water Reactive:* alkali metals such as Li, Na, K; lithium aluminum hydride; calcium hydride
- Air Reactive:* silane, silicon tetrachloride, white or yellow phosphorus
- Carcinogens:* 2-acetylaminofluorene, benzene, chloroform, methylene chloride, formaldehyde
- Peroxide Formers:* isopropyl ether, p-dioxane, tetrahydrofuran, ethyl ether