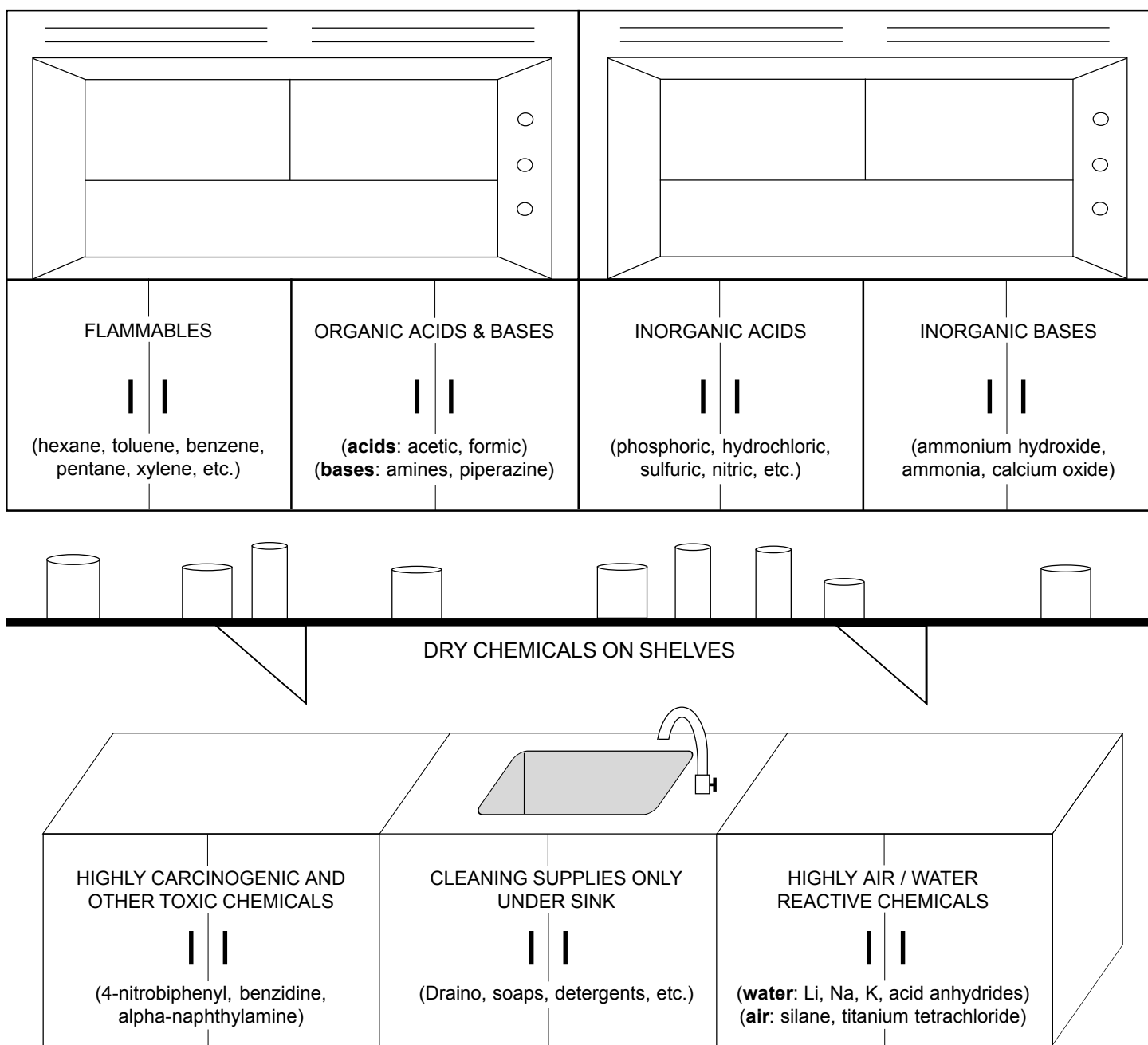


COMPATIBLE CHEMICAL STORAGE GROUPS



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