

**CHEMICAL
HAZARDOUS
WASTE
DISPOSAL
PROCEDURES**



- Do not dispose of chemicals via sink or trash cans.
- Do not use fume hoods to intentionally evaporate chemicals.
- Do not store waste outside work area.
- Do not abandon hazardous materials and waste.

Discard the following chemicals into the designated containers

- acidic or basic solutions, with pH <5 or >10
AQUEOUS WASTE
- flammable or water-immiscible solvents (acetone, ethanol, petroleum ether)
ORGANIC SOLVENTS NON-HALOGENATED
- solutions or solids containing the following elements: Fe, Cr, Mn, Cu, Zn, Ba, Ca, Mg,
INORGANIC AQUEOUS WASTE
- any waste or excess reagent which contains materials known to be toxic
- any waste or excess reagent which contains materials known to be carcinogenic any material which, upon drying if wet, can undergo explosive
- any azide, cyanide, or sulfide

Be alert! When you are cleaning up, make sure that you do not accidentally mix incompatibles when getting rid of waste, e.g. cyanides into acidic solutions!!!!

Try to get rid of as much solid wastes as possible (scraping, wiping, etc.) disposing of it properly before using solvents in the cleaning process.

Use the appropriate solvents to remove any final chemical residues making sure to dispose of the waste properly.