



Safety Moment: Chemical Disposal

used/unwanted chemicals

- a chemical in its original container
- by-products, mixtures, or solvents
- items contaminated with chemicals

Type of waste?

- Recycle or redistribute unused chemicals when possible
- Definition and classification of hazardous waste <https://www.epa.gov/hw/> (ignitability, corrosivity, reactivity, toxicity)
- Non-hazardous waste can sometimes be placed in a dumpster or into the sewer
- Universal waste (batteries, bulbs ...)

Categorize

Disposal Guidance

- Pick-up by EHS
- Sanitary sewer
- Segregate and trash
- Regular trash

Collect & label

- Properly label any container
- Avoid mixing incompatible chemicals
- Spent chemical products should be collected separately

Store

- Not recommend leaving any chemical container on the floor
- Use secondary container
- Waste container should remain closed
- Hazardous waste must be stored in a Satellite Accumulation Area (SAA)

Unwanted Chemicals	%
Phenol	10
Chloroform	20
Pyridine	25
Tetrahydrofuran	40
Dimethylformamide	5



<https://ehs.wisc.edu/disposal-services/chemical-disposal/>
<https://www.epa.gov/hw>