



Chemical Waste Management Guide

4 L's of Hazardous Waste

Labels

'Hazardous Waste,' contents, hazard classification

Lids

Keep it closed.

Location

Keep at point of generation.

Limit

Under 50gal or 400lb.



No evaporation of chemical waste!

DEHS Waste Pick-Up is FREE and EASY!

Attach a DEHS uniquely numbered label to each container.

Submit an online DEHS Chemical and Hazardous Waste Pick-Up form.

DEHS typically picks up waste in 2-5 business days.

Online Pick-Up Form <https://louisville.edu/dehs/ohs/waste-pickup>

IMPORTANT: Make sure you see the Thank You page after submitting

QTY/Unit: size of container (not how full it is)

Unused: expired, unwanted, contaminated, not used in a process)

Spent: used in a process

Other Hazardous Waste Collected by DEHS

- Mutagens and carcinogens
- Hormones
- Bulk chemotherapeutic or cytotoxic drugs
- Batteries and light bulbs
- Oils, concentrated dyes, odorous chemicals
- Ethidium bromide (EtBr) and acrylamide gels
- EtBr-contaminated buffer solutions

Waste Characterization



Ignitable

Flash point $\leq 140F$ (60C), oxidizer, flammable solid



Corrosive

Solid and liquid waste pH ≤ 5 and pH ≥ 11



Toxic

Pesticide/herbicide, toxic heavy metals, carcinogen/mutagen, chlorinated organics



Reactive

Unstable under normal conditions; can cause explosions, toxic fumes, gases, or vapors

Questions?
Call 502-852-2956 or 502-852-6670