

## The 4 L's of Hazardous Waste

**Label:** Mark container as 'Hazardous Waste,' contents, hazard classification

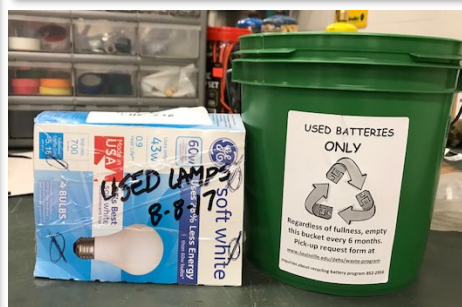
**Lid:** Keep container closed, except when adding waste.

**Location:** Keep at/near point of generation (same room it is generated).

**Limit:** Don't accumulate or store more than 50 gal or 400lb or more than 1kg acutely toxic waste.



**No evaporation of chemical waste!**



## Other Chemical and Hazardous Waste Collected by DEHS

- Non-hazardous chemicals
- Expired Non-DEA pharmaceuticals
- Bulk chemotherapeutic and cytotoxic drugs
- Aerosol cans
- Batteries and light bulbs
- Oils, concentrated dyes, odorous chemicals
- Ethidium bromide (EtBr) and acrylamide gels
- Paint, oil-based and acrylic

## DEHS Waste Pick-Up is FREE and EASY!

- Submit your pickup request through Chematix at <https://louisville.chematix.com/Chematix/Login>.
- Never used Chematix? Contact DEHS at 852-6670 or [chematix@louisville.edu](mailto:chematix@louisville.edu) for further assistance and training.
- For existing users of Chematix, Quick Reference Guides and Videos available at <https://louisville.edu/dehs/waste-disposal>
- Closing out your lab space? Cleaning out unwanted/unneeded chemicals? Contact DEHS to request a FREE Waste Consult.
- **IMPORTANT NOTE:** Non-hazardous chemicals, such as sucrose, sodium phosphate, potassium chloride cannot be disposed in regular trash. These must be picked up by DEHS.

## Hazardous Waste Characteristics



### Ignitability

Chemicals with Flash point  $\leq 140\text{F}$  ( $60^\circ\text{C}$ ), oxidizing potential, flammable solids, aerosol products



### Corrosivity

Liquid waste  $\text{pH} \leq 5$  and  $\text{pH} \geq 11$



### Toxicity

Includes pesticide/herbicide, toxic heavy metals, chemo drugs, chlorinated organics, etc



### Reactivity

Unstable under normal conditions; reacts violently with water or when exposed to air; potential explosion risk; can generate toxic fumes, vapors, or gasses in quantity to present a danger to human health or the environment.