

## Safe Science = Good Science

July 21, 2022

### Using Glass in the Lab

- Handle and store glassware carefully
- Properly discard or repair damaged items
- Use adequate hand protection
- Substitute glass with plastic or metal products whenever possible
- For vacuum work, use only glassware designed for that purpose. Inspect glassware carefully before each use.

### Handling Broken Glass

- Wear appropriate PPE and hand protection
- Use a broom and dustpan to sweep small pieces
- Place items in the laboratories glass disposal box.



For questions or concerns please call DEHS at 852-6670 or email [dehsubm@louisville.edu](mailto:dehsubm@louisville.edu)

# Glass Disposal

Working with glass and disposing of used or broken glassware are a leading cause of laboratory injuries. Extra precaution must be taken when disposing of glassware to prevent anyone handling the waste from a potential injury from a piece of broken glass.

## Glass Waste Box

An approved VWR Glass Disposal box or a sturdy cardboard box can be utilized to **properly dispose of non-contaminated glass waste**.

*Laboratories MUST ensure the following:*

- The box is properly labeled as “Glass Trash” and lined with a non-red bag.
- Bottles/containers must be free of liquids and all labels defaced.
- Keep the weight under 20 lbs.
- Once the box is full, tape it shut and place next to regular trash.



**Discarded glassware MUST NOT contain any hazardous chemical, medical, pathological, or radiological waste.**

## Contaminated Glassware

Glassware contaminated with chemical, medical, pathological, or radiological waste must be disposed of according to the contaminates disposal process.

### Glassware containing:

- Chemical contaminated waste must be disposed in the appropriate solid waste containers.
- Blood, pathological, or biological waste must be disposed of in the appropriate sharps or Stericycle red-bag waste containers.
- Radiological waste must be disposed of in appropriate radiation disposal containers.