

The Fundament-L's of Hazardous Waste Management

Collect

- Collect all Hazardous Chemical Waste in designated containers and submit a chemical waste pick-up request form; see link at the bottom of page.
- Collect all unwanted and expired chemicals in the laboratory for disposal, periodically.
- NEVER dispose Hazardous Waste down the drain.



Stained sink due to drain disposal



No Drain Disposal



Waste collection in containers

Lid

- Keep a closed, tight-fitting Lid on Hazardous Waste containers at all times, except when actively adding or removing waste.
- NEVER leave an open funnel in a Hazardous Waste container.



Specialty funnel with closed lid



Open container with loose hose



Specialty cap for HPLC waste

Leaks

- Inspect Hazardous Waste containers regularly for Leaks.
- NEVER allow Leaking containers to remain in laboratory. Contact EH&S upon discovering a leak.

Locate

- Locate Hazardous Waste containers at or near the point of the Hazardous Waste's generation
- NEVER move Hazardous Waste containers outside of the room in which the waste was generated.

- Label the container as soon as you start collecting waste by affixing a completed Chemical/Hazardous Waste label.
- List all of the Waste components on the Label in the contents section.
- NEVER use chemical formulas or abbreviations on Hazardous Waste Labels.
- Indicate chemical hazard(s) characteristics of all chemical components by checking all appropriate boxes.

Label

Hazardous Waste Characteristics

Contents

Lab Info

Section 1: Hazard Characteristics (check all that apply)

Hazardous Waste Determination Guide:

Ignitable Toxic or Health Hazard Corrosive Reactive Oxidizer

Non-Hazardous (Check only if this chemical waste DOES NOT meet the EPA definition of hazardous waste.)

COLUMBIA UNIVERSITY ENVIRONMENTAL HEALTH & SAFETY EH&S Use Only

CHEMICAL / HAZARDOUS WASTE

Fill out sections 1-3 as soon as waste is generated.
Keep lid closed when not in immediate use.

Section 1: Hazard Characteristics (check all that apply)

Hazardous Waste

Ignitable Toxic or Health Hazard Corrosive Reactive Oxidizer

Non-Hazardous (Check only if this chemical waste DOES NOT meet the EPA definition of hazardous waste.)

Section 2: Chemical Contents

Chemical Name (No Formulas or Abbreviations)	Amount %
Acetone	20%
Methanol	50%
Toluene	30%

Section 3: Lab Contact Phone #: (212)555-1234
 PI: Crowley Building/Room #: Hammer 101

Labeling requirements are mandated by EPA and failure to properly label containers will result in EH&S's inability to accept the waste for disposal.

When a waste container is 90% full or not being used, submit a Chemical Waste Pick-up Request Form by visiting:

<https://research.columbia.edu/chemical-waste-pick-up-request>

For any questions regarding hazardous waste disposal, please email us at hazmat@columbia.edu