

Hazardous Waste Handling

What is Hazardous Waste?

- Flammable: Flashpoint
- Oxidizer: Organic peroxides, hydrogen peroxide, phosphorous pent oxide, etc
- Corrosive: pH12.5
- Reactive: Water reactive or explosive
- Toxic: LD50
- Listed: Any chemical or chemical process listed in 40 CFR 261
- Concerned: Any chemical which may be hazardous or whose potential hazards are unknown or about which there is uncertainty regarding its potential hazard

Storage of Hazardous Waste

- Containers: Any container that is compatible with the waste chemical which can be labeled and has a tight fitting lid.
- Examples:
 - * 5 gallon poly carboys provided by the academic department
 - * 4 L glass empty reagent bottles
 - * 2.5 L glass empty reagent bottles
 - * Original containers
- Lids: 40 CFR 264.173: Management of Containers A container holding hazardous waste must always be closed during storage except when it is necessary to add waste. A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
- Labels: 40 CFR 262.34(c)(1)(ii): Labeling of Containers Mark all containers with the words "Hazardous Waste" and with other words that identify the contents of the container.
- Amounts:

The maximum amount of hazardous waste that may be stored in one lab is 15 gallons (or 500 ml of acutely hazardous waste) for up to 30 days.
- Disposal of Hazardous Waste:

To have your hazardous waste picked up by the EH&S personnel, send E-mail to the EH&S department. On the E-mail request please list the following:

EIU EH&S HAZARDOUS WASTE PICKUP E-mail REQUEST CONTACT PERSON: _____

STORAGE AREA: BUILDING _____ ROOM _____

SPECIAL NOTES: _____

CONTAINER CONTENTS
SIZE AMOUNT CONTENTS

1. _____
2. _____
3. _____
4. _____
5. _____