



Hazardous Waste Guidelines

Hazardous Chemical Waste Training:

- All hazardous chemical waste generators must complete the Hazardous Waste Training class available online at www.ted.uci.edu.

Hazardous Waste Labeling:

- A hazardous waste label must be placed on a waste container upon the start of accumulation.
- Hazardous waste labels are available online at www.ehs.uci.edu/programs/enviro/.

Hazardous Waste Segregation:

- All hazardous waste must be segregated to prevent incompatible mixtures.
- Segregation can be by hazard class. Hazard class examples include: Flammable, Oxidizer, Pyrophoric, Reactive, Reducer, Acid, Base, and Toxic.
- For more information on specific chemical incompatibility, consult a material safety data sheet (MSDS).

Hazardous Waste University of California, Irvine Irvine, CA 92697			
PI/Supv.	Kirk Martin	Ext.	4-4578
Date Waste First Generated:	10/13/05		
Transfer to EH&S Before:	4/11/06		
Chemical Name			Conc.
Methanol			60%
Acetone			20%
Hexane			15%
Water			5%
Physical State			
<input type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid	
Hazard Category			
<input checked="" type="checkbox"/> Flammable	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Toxic	
<input type="checkbox"/> Air/Water Reactive	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> Explosive	

Hazardous Waste Storage:

- Hazardous waste must be transferred to EH&S for disposal within 6 months of being generated.**
- Hazardous waste containers must be stored in secondary containment to adequately contain all of the contents of the container.
- Containers must be closed when not in use.
- Hazardous waste that meets the quantity threshold of 55 gallons of hazardous waste or 1 quart of acutely / extremely hazardous waste must be transferred to EH&S for disposal within 3 days of reaching these set volumes.
- Report damaged containers to EH&S. EH&S can provide assistance to transfer the contents of the damaged container to an appropriate container.
- Containers must be inspected weekly for signs of leaks, corrosion, or deterioration.

Hazardous Waste Disposal:

- Request a pickup via the internet:
 - Visit www.ehs.uci.edu/programs/enviro/.
 - Fill out the "Chemical Waste Collection" form.
 - EH&S will pick up your waste within 1-3 days.
- Do not dispose of chemicals by pouring them down the drain or placing them in the trash.
- Do not use fume hoods to evaporate chemicals.

Empty Hazardous Material Container Management:

- At no time should full or partially full containers be placed in the regular trash.
- Empty containers do not have to be managed as hazardous waste. To be considered empty:
 - No material can be poured or scraped from a container.
 - An aerosol container must have its contents and pressure completely dispensed, and the spray mechanism in place and functional.

Notes and Exceptions:

- All containers that once held acutely / extremely hazardous materials are considered hazardous waste and must be disposed of by EH&S.
- If an empty hazardous material container is greater than five gallons, it must be picked up by EH&S.

Waste Minimization:

- Review each experimental protocol to assure that reagents are used efficiently and that excess purchases are minimized.
- Conduct microscale research when possible in order to minimize amounts of hazardous materials used and generated.
- If possible, use substances that can be neutralized or stabilized either physically or chemically.
- Use less hazardous substitutes when feasible.