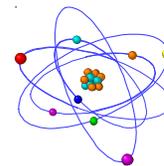


LABORATORY SAFETY FACT SHEET #6

CHEMICAL WASTE DISPOSAL



REGULATIONS

- Hazardous waste regulations are stringent and penalties for violations can be severe. Santa Barbara County inspects UCSB labs for compliance on a regular basis.

STORAGE

- Store chemical waste in a designated area.
Label area as, "**HAZARDOUS WASTE STORAGE AREA**"
- Store chemicals in containers compatible with, and durable enough for, the waste.
Liquid waste must be in screw top containers. Do not overfill container, allow for expansion.
- Gas cylinders and lecture bottles must have regulators removed.

LABELING

- Identify waste by proper chemical name (no abbreviations or chemical structures).
List chemical names of hazardous components in that mixture by percent weight.
- Deface existing labels when reusing containers.
- Label and date container(s) when the first drop of waste is added. Hazardous waste shall be disposed within **9 months** of start date.
- Use **UCSB HAZARDOUS WASTE** label on all hazardous waste containers. All portions of the label must be completed. Labels are available for free in all science storerooms.

University of California at Santa Barbara Santa Barbara, California 93106	
UCSB HAZARDOUS WASTE	
Waste must be segregated, labeled and packaged according to the Campus Hazardous Waste Disposal Procedures.	
Contact Name _____	Department: _____ Phone _____ Start Date: _____
Proper Chemical Name(s): _____	
Additional Content Information: _____	
Physical State: <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas	
Chemical Hazard Classification:	
<input type="checkbox"/> Flammable <input type="checkbox"/> Oxidizer <input type="checkbox"/> Corrosive <input type="checkbox"/> Reactive <input type="checkbox"/> Toxic/Poison	
In case of an emergency contact UCSB-EH&S at x3194	

SEGREGATION: group waste into the following categories:

- halogenated organics (*dichloromethane, chloroform*)
- non-halogenated organics (*acetone, methanol, ethanol, xylene*)
- acids with pH 2 or less (*HCL, sulfuric acid*)
- alkaline solutions of pH 12.5 or greater (*sodium hydroxide*)
- alkali metals and other water reactives (*sodium, acetyl chloride*)
- heavy metal solutions and salts (*mercury, silver, zinc*)
- strong oxidizers (*nitric acid, chlorates, permanganates*)
- peroxide-forming chemicals (*dioxane, THF*)
- cyanides (*potassium cyanide, hydrogen cyanide*)
- chemical carcinogens (*acrylonitrile, inorganic arsenic*)
- unstable chemicals
- other toxic chemicals

DISPOSAL

- Chemicals may not be disposed in regular trash, sink disposal, or allowed to evaporate.
- Complete a UCSB Waste Pick-up Request Form. Send either by campus mail or fax (X7259). Also available on EH&S website <http://ehs.ucsb.edu> for electronic submission.
 - *EH&S cannot accept responsibility for improperly labeled, packaged, and/or segregated chemicals, and will not pick them up.*
 - *Transferring waste into appropriate containers is the generators responsibility.*
 - *Waste containers become the property of EH&S and will not be returned.*
 - *Before working with hazardous material attend EH&S Lab Safety course, call X4899 for next available training date.*

CHEMICAL SPILL

- Clean up a spill if you have the proper equipment and feel comfortable doing so. Otherwise, contact EH&S **24-hour line X3194**.

Further information contact EH&S Hazardous Waste Program X3293