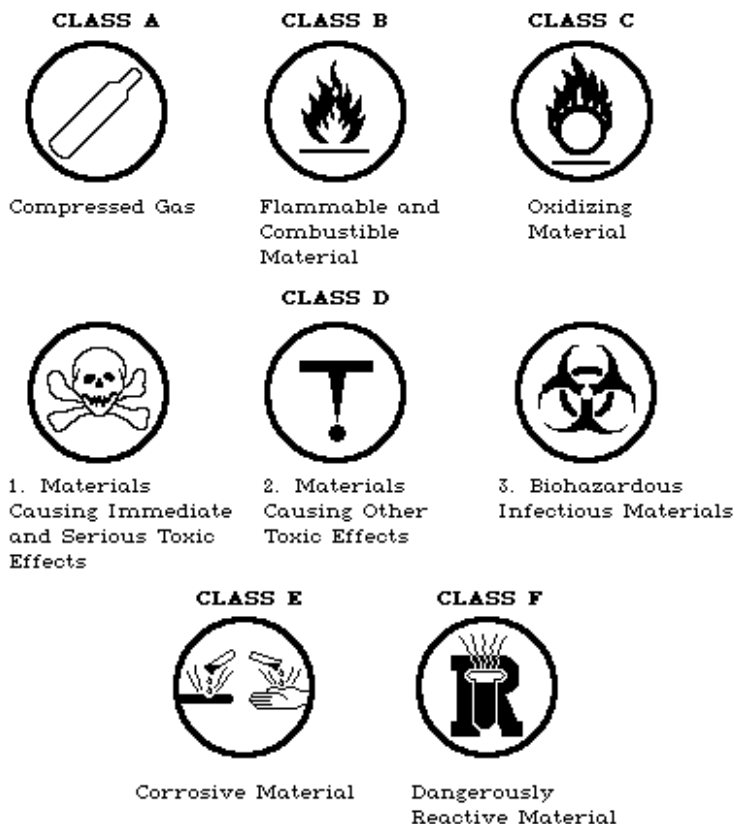


# CHEMICALS STORAGE AND DISPOSAL

Check the WHMIS symbols and take precautions accordingly. Classifications are:



## WHMIS Classes and Hazard Symbols

- **Labels and lids** must be intact at all times until disposal.
- **Human Consumable items**(e.g. salt): once opened for scientific experiments, write on the item that it's "Not for human consumption"
- **Acids and bases** must be stored separately (blue cabinets of fume hoods).
- **Work benches:** Do not store more than 1L on the work benches. All bottles need to be labeled with the name of the person using it, date and content of that bottle.
- **Flammable material\*** must be stored in well ventilated areas, away from heating, sources of sparks/flames. Ensure electrical sources are safe.  
\* on the 7<sup>th</sup> (Rm. 7-305)and 8<sup>th</sup> (Rm.8-305) floor labs there are specific cabinets under the fume hoods for flammable storage (yellow doors with locks).

## **Disposing chemical waste:**

### **Small quantity (up to 50mL volume):**

- Please insure that any liquid biohazard waste is in sealed leak proof plastic containers (e.g. centrifuge tube) prior to disposal in the yellow biohazard waste bag.
- Decontaminate liquid biohazardous waste (tissue culture/bacteria) with 1% sodium hypochlorite (1:5). Allow the bleach and liquid waste mixture to disinfect for at least 30 min. Pour mixture into the drain of a non-hand washing sink.

### **Large quantity:**

- Collect waste in sealable containers (e.g. empty re-usable bottles). Make sure the material is appropriate.
- Don't mix chemicals
- Label it with the name of the product (not commercial name), and the approximate volume of substance
- Label it with your name, room number and phone extension for contact
- Bring down to the Receiving Area, main floor, PMH (on the left hand towards Gift Shop, main floor OR in front of service elevator on the main floor)
- Fill out your contact information and description of waste material in the waste records (white binder) and contact Julius or Security to give you access to the chemical waste room.

For more information, contact Yumi, 16-5891 or [ymoriyam@uhnresearch.ca](mailto:ymoriyam@uhnresearch.ca)