

HAZARDOUS CHEMICAL WASTE

❖ We have 4 main waste streams that are used in all of the chemistry labs.

- ❖ Halogenated Waste
- ❖ Aqueous Waste
- ❖ Nonhalogenated Waste
- ❖ Solid Waste

❖ We also collect Acetone Rinse Waste, Tollen's Waste, and Metal Waste for certain labs. These are stored in the waste cabinet when not in use, until they are filled and labeled with a tamper resistant tape.

WASTE DISPOSAL FLOWCHART

Follow this flowchart for proper disposal of all chemicals.
Never put any chemical down the drain unless it is a dilute acid (see below).

IS IT A SOLID?

Dispose of in the **Solid Waste** container.

IS IT A DILUTE ACID?

[sulfuric, nitric, acetic, hydrochloric + water]

Dispose of down the drain with plenty of water.

DOES IT CONTAIN A HALOGEN?

[fluorine, chlorine, bromine, or iodine]

Dispose of in the **Halogenated Waste** container.

DOES IT CONTAIN WATER?

Dispose of in the **Aqueous Waste** container.

NONE OF THE ABOVE

Dispose of in the **Nonhalogenated Waste** container, unless otherwise specified by your instructor.