

Midd Lab Safety

LABORATORY WASTE DISPOSAL

SHARPS

Items designed to cut or puncture skin and sharp items with human blood, body fluids or bacteria

- Needles
- Scalpels
- Razor blades
- Syringes with attached needles
- Pasteur pipettes, pipette tips, broken vials and laboratory slides that are contaminated with biologically hazardous material.



Container: Closable, puncture resistant, leak proof plastic container. Do not completely fill; leave a minimum 5 cm clear space.

Disposal Procedure:

- Empty any dry or liquid chemicals to a suitable chemical waste container for separate disposal.
- Place properly closed container in regular trash dumpster for disposal.

BROKEN GLASS

Items that can puncture skin, cut or scratch if disposed of in normal trash containers

- Pasteur pipettes
- Other pipettes and tips (glass or plastic)
- Slides and cover slips
- Broken or fragile glass including chemically contaminated glass **unless** the chemical poses a significant hazard.

Container: Sturdy and leak proof with *Broken Glass* label.

Disposal Procedure:

- Empty any dry or liquid chemicals to a suitable chemical waste container for separate disposal.
- Seal container closed and place in regular trash dumpster for disposal.



CHEMICAL WASTE

All chemicals or materials contaminated with chemicals should be handled in accordance with Middlebury's *Chemical Hygiene Plan* and *Laboratory Management Plan*. Links and information are available at go/labsafety

- Incompatible materials/chemicals should not be mixed.
- Containers must be labeled with a Middlebury College Chemical Waste Tag. The tag must be attached or affixed to the waste container before waste is added. Each individual container must have a completed waste tag.

Containers: Sturdy, leak proof, containers compatible with the waste contained, and closed, capped or covered at all times except when waste is being added. *Do not overfill containers – liquid containers should only be filled to the shoulder of the container.*

Disposal Procedure:

- Contact Laboratory Stores at X5619 or mbhstockroom@middlebury.edu to arrange for collection of chemical waste containers.
- Laboratories will be inspected three times annually by the Chemical Hygiene Officer or designee. Waste containers that are not dated, or that have been in use for 3 or more months will be removed and replaced.

BIOLOGICAL WASTE

Biological waste includes, but is not limited to: waste containing or contaminated by microbiological cultures, recombinant organisms, environmental samples that have been incubated to promote microbiological growth, animal body parts or bodily fluids, infectious waste.

Disposal Procedure:

Disposal requirements for biological waste vary from lab to lab. Contact Tim Allen at X5729 or tallen@middlebury.edu to develop appropriate procedures for disposal of these waste streams.

SURPLUS CHEMICALS

For disposal of surplus or expired unused chemicals in the original, manufacturer packaging please complete a Laboratory Waste Collection Form (available from Lab Stores) and contact Laboratory Stores at X5619 or mbhstockroom@middlebury.edu