

CHEMICAL WASTE DISPOSAL CHART



**Chemical
Solids, liquids,
containers**

Known

Unknown

Call EHS

- Consult SDS
- Select compatible, sealable waste container
- Attach hazardous waste disposal label with full chemical name to **empty** waste container
- Place primary waste container in secondary container.
- Primary container must be closed unless adding or removing waste



Glassware

Non-contaminated

**Contaminated with
Chemical Hazard**

- Collect in glass disposal box with clear liner
- Seal & dispose box in regular trash when full



- Attach hazardous waste disposal label with full chemical name to empty box with clear plastic bag liner
- Box must be closed unless adding or removing waste



**Chemically
Contaminated Sharps**

- Attach hazardous waste disposal label with full chemical name to empty non-biohazard sharps container
 - Can not be red
 - Can not display biohazard symbol
 - Do not autoclave!



Controlled Substances

- Store under lock and key pending disposal
- Email NCCSAREG@dhhs.nc.gov to obtain disposal instructions

**MIXED WASTE
Chemical + Biological**

Did chemical inactivate biological agent?

Do you have a reference or data that support this inactivation?

YES

Mixture is non-infectious. Follow instructions for chemical waste disposal.

NO

Do NOT autoclave or add disinfectant

Contact
ehs@nccu.edu

Submit Hazardous Waste Pickup Request



**NC Central
UNIVERSITY**

Environmental Health and Safety ehs@nccu.edu • 919-530-7125 • <https://nccu.edu/ehs>



BIOHAZARD WASTE DISPOSAL CHART



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SHARPS

Blades
Scalpels
Syringes
Needles
Slide covers
Glass tubes
Loops
Broken glass

- Collect in red sharps container
- Close when 2/3 full
- Place in autoclave bag



LIQUIDS

Blood
Bodily fluids
Used cell culture media

- Collect in autoclavable bottles



- Treat with approved disinfectant for contact time
- Put down drain with fresh water

- Loosen lids
- Place bottles in secondary container



CONSUMABLES

Pipettes, cell scrapers, tips, tubes, vials,
filters, flasks, petri dishes, disposable
PPE

Open Lab

Collect in lidded biohazard waste bin lined with orange autoclave bag



BSC

Collect *INSIDE* BSC inside autoclave bag/ autoclavable container

NEVER treat waste with bleach prior to autoclaving



Bench

- Collect in small autoclave bag
- Dispose of bag in biohazard waste bin

Animals

Carcasses, tissues & bedding should be double-bagged in biohazard bags and stored in freezer in ARC.

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Autoclave using appropriate cycle
Use biological indicator weekly to test autoclave performance
Log all activity in autoclave log

Solid waste in regular trash

Liquid waste down drain with water