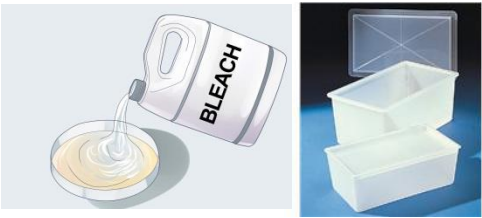





| WASTE TYPE | Non-Infectious Laboratory Glassware and Plasticware | Sharps | Solid/Soft Biological Waste | |
|----------------------|--|--|--|--|
| DESCRIPTION | NOT CONTAMINATED ¹ Non-infectious laboratory glassware and plasticware which could puncture regular waste bag. | All needles, syringes, and blades; broken or unbroken glass and plasticware that has contacted infectious agents or was used in animal or human patient care or treatment; plastic pipettes and pipette tips | CONTAMINATED gloves; bench paper; tissue culture flasks; plastic tubes (test tubes, Eppendorf™ tubes; other non-sharps material (e.g. plastic culture dishes); liquid biological waste/cultures (if <50 ml); contaminated animal bedding. | |
| CONTAINER | Hard-sided container e.g. plastic buckets or cardboard box lined with clear bag; label “broken glass”. | Rigid plastic; tight-fitting, puncture-resistant lid; upright and stable during use; leak-resistant; biohazard label. | Lined (red-bag if no treatment) secondary container. Closed with biohazard label. Waste generated in a BSC should be collected in the BSC whenever procedures permit. | |
| EXAMPLE OF CONTAINER |  |  |  | |
| TREATMENT | NO TREATMENT | NO TREATMENT | AUTOClave TREATMENT ² | NO TREATMENT |
| PROCEDURE | Chemical bottles must be triple rinsed and label defaced. Items with chemical residue or strong odors must be managed through EHS. | When sharps container is ¾ full, close and lock lid. If chemically contaminated mark “DO NOT AUTOCLAVE”. | Once autoclaved, place bag (no red or biohazard label) in a cardboard box. Securely tape and clearly mark “trash”. | Securely close and keep in a secondary container in designated pickup point. Double bag if heavy to further prevent leakage during handling. |
| DISPOSAL | Collected by custodial services. Seal when container is ¾ full. Check weight and integrity of container before moving. | Collected by EHS for treatment and disposal (autoclaved and/or incinerated) by the medical waste vendor. | Generator places sterilized bag inside of the building dumpster. | Collected by EHS & boxed for treatment and disposal (autoclaved and/or incinerated) by medical waste vendor. |

¹**NOT CONTAMINATED** with body fluids, cell debris, or other materials (BSL2 or higher) that may contain infectious agents or recombinant DNA molecules.

²**TREATMENT** on site using autoclave must use equipment validated by NYS for this purpose; optional procedure to reduce infectiousness prior to disposal; check campus policy.

| WASTE TYPE | Infectious Liquids (>50ml) | Animal Carcasses/Tissues Fixed & unfixed carcasses, organs, tissues | Ethidium Bromide | |
|----------------------|---|---|--|--|
| SEGREGATION | CONTAMINATED ¹ liquid media and cultures or biofluids aspirated or decanted from flasks and dishes. | NOT CONTAMINATED or otherwise biohazardous, radioactive, or contaminated with hazardous chemicals. | Stock /crystal/powder and electrophoresis gels and concentrated solutions >0.5 mg/ml | Aqueous solutions <0.5 mg/ml without heavy metals, organics, cyanides or sulfides |
| CONTAINER | Original vessel or place in rigid secondary container for disinfecting; closed; label with disinfectant name and biohazard symbol if not attended | Re-sealable storage bag or black garbage bag inside another black garbage bag. Bags must be sealed and intact. No single container more than 50 pounds. | Collect solid/soft in pail lined with clear plastic bag. Label "non- hazwaste" | Until treated, keep in sealable container with "hazwaste" label |
| EXAMPLE OF CONTAINER |  |  |  |  |
| PROCEDURE | Treat directly in original container by using appropriate disinfectant (ie: final concentration 10% bleach for 30 min) or AUTOCLAVE | Separate carcass from disposable items e.g. paper, and decant preservative/holding fluid into chemical waste container. Unfixed carcasses to be stored frozen until pick up day, then place in lined fiberboard drum or a rigid and leak-resistant container. | No treatment | Deactivate through charcoal filtration or other approved method. Dispose of filters with untreated EtBr. |
| DISPOSAL | Generator drain dispose disinfected & neutralized solutions with a pH 5.5 to 9.5 with copious amounts of water. | Collected by EHS as non-regulated medical waste for incineration by medical waste vendor. | Collected by EHS for disposal as non-regulated waste by hazwaste vendor. | Generator drain disposes filtrate with copious amounts of water. |

¹**CONTAMINATED** with body fluids, cell debris, or other materials (BSL2 or higher) that may contain infectious agents or recombinant DNA molecules.