Biohazardous & Biomedical Waste Disposal Guide

**Biological materials that are discarded as biohazardous waste include:**
- Infectious & potentially infectious materials
- Recombinant nucleic acids/organisms
- Human/primate products
- Microbial & cell cultures

**Biohazardous waste contaminated with the following requires inactivation prior to disposal:**
- Human, animal, and plant pathogens
- Human & primate blood, tissues, or other potentially infectious material (OPIM)
- Recombinant DNA (rDNA) material including plasmids, vectors, and genetically-modified organisms

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**Contaminated Solid Waste:**
- Disposable PPE
- Medical products
- Labware
- rDNA materials
- Agar culture plates*

Collect in a leak-proof, covered container lined with a red autoclave bag

**Autoclave:**
- Vacuum/Gravity Cycle (121°C, ≥15 psi, 60-120 min.)
- Liquid Cycle (121°C, ≥15 psi, 60-90 min.)

**Bag & Box Labels:**
- PI Name
- Lab Location
- Contact Number
- Date

Dispense as biohazardous waste (Discard box within 30 days of use)

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**Contaminated Liquid Waste:**
- Blood & bodily fluids
- Broth cultures
- Cell culture supernatants
- Pathogen lysates
- rDNA products

**Autoclave:**
- Liquid Cycle (121°C, ≥15 psi, 30-60 min.)

**OR (as appropriate)**
- 1 part bleach to 9 parts waste (30 min. contact time)

Pour down the drain

If void of any regulated chemical/radiological hazard

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**Medical Sharps:**
- Scalpels
- Needles/Syringes: **DO NOT RECAP**
- Metal lancets

**Contaminated Non-medical Sharps:**
- Razor blades
- Glass slides
- Pipettes & tips

**Hard-sided container (or Medical sharps box)**

**Autoclave:**
- Vacuum/Gravity Cycle (121°C, ≥15 psi, 60-120 min.)

**Bag & Box Labels:**
- PI Name
- Lab Location
- Contact Number
- Date

Dispense as biohazardous waste (Discard box within 30 days of use)

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**Non-contaminated Waste:**
- NO biological materials
- NO chemical hazards
- NO radioactive materials

Place in a cardboard box lined with a standard plastic bag

Tape shut, label as “Clean Labware”, and discard as regular trash

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**Mixed Hazards Assistance:**
- Biological & Chemical
- Biological & Radioactive
- Biological & Animal Remains

**Contacts:**
- Biosafety (392-1591) or Hazardous Materials (392-8400)
- Biosafety (392-1591) or Radiation Safety (392-7359)
- Biosafety (392-1591) or Animal Care Services (392-2977)

Version 2
07/24/2019