THE UNIVERSITY OF BRITISH COLUMBIA

Hazardous Waste Disposal

RISK GROUP 2 WASTES

Risk Group 2 (RG2) wastes include materials contaminated with Risk Group 2 agents. Materials include plastic pipette tips, filter paper, plastic petri dishes, syringes, agar plates, gloves, towels, tubing and plastics, and liquid media. (excluding glass and sharps – see 'biologically contaminated glass' and 'sharps').

HOW TO DISPOSE OF SOLID RG2 WASTE

- Autoclave in **orange** autoclave bags labelled as **BIOHAZARDOUS**
- **Double bag** to ensure no leaks. Second bag can be a second orange autoclave bag or a clear outer plastic bag that is **durable**.
- Bags should **not weigh** more than 10 lbs
- Store in an appropriate location for pickup. HSE can supply bins to hold Risk Group 2 wastes
- Affix Biological Waste Tag & check the box labelled *Autoclaved Risk Group 2*. If materials were sterilized using another method, indicate the other method on the tag.
- Register your waste as "Other Wastes" through the Hazardous Waste Inventory System (HWIS)
- Prior to pick up please ensure:
  1. exterior of bag is not be contaminated
  2. bag must have no tears or leaks
  3. tag is affixed and complete

HOW TO DISPOSE OF LIQUID RG2 WASTE

- Autoclave in suitable container. Fluids will require extra time to effectively autoclave (liquid containers should be less than 2/3 full to prevent boil over).
- Place fluid in HSE supplied bottles, or a lab bottle that is appropriate and **sealable**.
- Place bottles in red Biohazard buckets supplied by HSE.
- Large volumes of RG2 waste can be poured directly into biohazard buckets; however, the bucket will sit in the lab until full. The bucket lid must be completely sealed shut prior to pick up.
- Autoclaved liquid waste can be frozen for longer storage if needed.
- Affix Biological Waste Tag & check the box labelled *Autoclaved Risk Group 2*. If materials were sterilized using another method, indicate the other method on the tag.
- Register your waste as "Other Wastes" through the Hazardous Waste Inventory System (HWIS)
- Prior to pick up please ensure:
  1. exterior of container is not be contaminated
  2. bottles are sealed
  3. tag is affixed and complete

INFOGRAPHICS

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Procedure for Risk Group 2 wastes

This is a guide to help you determine how to safely dispose of your hazardous waste. If you have questions, contact HSE.

1 What is it?

Wastes contaminated with Risk Group 2 agents such as plastic pipette tips, filter paper, plastic petri dishses, syringes, agar plates, gloves, towels, tubing, and liquid media ***excluding glass and sharps***

2 Is it a solid waste?

Autoclave RG1 solid wastes in **orange** biohazard bags. Bags **must** be labelled with Biohazard signage

- Double bag all wastes to ensure no leaks. Outer bag may be clear.
- Bags should not weigh > 10 lbs
- Affix biological waste tag
- Store in appropriate location for pickup

3 Is it a liquid waste?

Autoclave liquid wastes in a suitable container.

- Fluids require extra time to effectively autoclave (liquid containers should be less than 2/3 full to prevent boil over)
- Place fluid in a **sealable** bottle (liquids can be frozen after autoclaving for longer storage if needed
- Place bottles in red biohazard buckets provided by HSE
- Affix biological waste tag

Large volumes of RG2 waste can be poured directly into biohazard buckets; however, buckets will sit in the lab until full. The bucket lid must be completely sealed shut before pickup.

4 Request Pick-up

Request pick-up through the HWIS:

1. Use a **biological** waste tag and check 'Autoclaved Risk Group 2'
2. If material cannot be autoclaved, indicate which method of sterilization was used instead.

Ensure:

1. **Exterior is not contaminated**
2. **No tears or leaks**
3. **Bottles are sealed**
4. **Tag is affixed and complete**

5 What happens after pick-up?

After pick-up, HSE **consolidates** the waste from each waste stream.

- to prevent undue harm to HSE, you must segregate and treat your wastes properly
- Waste contractor picks up bins every few months for disposal

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Still have questions?

Contact Health, Safety and Environment

SCAN ME

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