



Hazardous Waste Disposal

CHEMICALLY CONTAMINATED SOLID WASTE

Solid waste, such as gloves, paper towel, pipette tips and weigh boats, that has been chemically contaminated and no longer holds the chemical waste (**not glass**). Dispose of the chemically contaminated solid waste in the appropriately lined and labeled 20 L plastic buckets supplied by Health, Safety & Environment.

HOW TO DISPOSE

- If highly toxic or reactive, contact HSE prior to disposal. Segregate these wastes from other solids, store appropriate to the risk and work with HSE to develop an appropriate procedure.
- If possible, remove all liquid from contaminated solid. If the liquid is pourable, pour it out.
- If the waste was contaminated with a powder, seal in a secondary plastic bag before disposal.
- If the waste is a powder, submit as a chemical waste.
- Dispose of chemically contaminated solids in the **lined bucket labelled for chemically contaminated solid waste**. Request buckets through the Hazardous Waste Inventory System (HWIS)
- Ensure clear liner (bag) is intact.
- When almost full, tie off the bag, close the lid to bucket and submit a pick-up request through the (HWIS) as 'Other Wastes'

INFOGRAPHICS

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Procedure for chemically contaminated solid waste

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?

Solid waste that has been chemically contaminated, but no longer hold chemical waste. (**NOT GLASS**)

Unless the contamination is highly toxic or reactive, follow these steps.



2 Can it be decontaminated and re-used?

Some plasticware can be **decontaminated**:

1. If a solvent, allow solvent residues to air out in fume hood for 24-48 hours
2. **Triple** rinse (if water soluble) and dispose of rinsate. In some cases rinsate may require chemical disposal.
3. Glass must be visually clean (no labels, tape or dirt)
4. **Deface all labels**
5. Submit for pick-up through the [HWIS](#) as 'Other Wastes'



3 Contaminated solids

Solids that cannot be decontaminated can be disposed of in the **blue** label 'chemically contaminated solids' buckets supplied by HSE

- Ensure liner is **intact**
- Place in **lined** bucket
- **NO** liquids (remove pourable liquids)
- **NO** glass
- **NO** powders
- **NO** highly toxic or reactive chemicals



double bag and submit separately



4 Request Pick-up

Request pick-up through the [HWIS](#) when:

1. You have separated solid waste contaminated in highly toxic or reactive material
2. You have decontaminated containers that can be recycled
3. You have a nearly full chemically contaminated solid waste bucket (liner tied off and lid closed)



5 What happens after pick-up?

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

- We pour all chemically contaminated solid wastes into large drums.
 - to prevent undue harm to HSE, you must segregate and bag your wastes properly
- Waste contractor picks up drums every few months for disposal



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Still have questions?

Contact Health, Safety and Environment



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