



Hazardous Waste Disposal

CHEMICALLY CONTAMINATED GLASS WASTE

Glass waste that has been chemically contaminated but no longer holds the chemical waste. Dispose of the chemically contaminated glass waste in the appropriately lined and labeled 20 L plastic buckets supplied by Health, Safety & Environment.

HOW TO DISPOSE

- If possible, decontaminate glass and put in the clean glass bucket for recycling (refer to procedure for 'Empty Chemical Containers').
 - If the chemical was a solvent, allow solvent residues in the glass to air out in the **fume hood for 24-48 hours**
 - If water soluble, **triple rinse** glass and dispose of rinse water safely (this may include collecting rinsate and submitting it for chemical waste pick-up)
 - Clean glass must be visually clean **with no** labels, tape, dirt, or plastic parts
- If glass cannot be decontaminated, place in a **lined bucket labelled for chemically contaminated glass waste**. Request buckets through the Hazardous Waste Inventory System (HWIS).
- Ensure clear liner (bag) is intact
- No liquids. Liquids are only permitted if they **cannot** be poured out of the container for disposal.
- If glass has a powder residue, or could dry to create a powder residue, glass should be **sealed** in a bag prior to placement in the bucket.
- 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 glass 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?

Glass that has been chemically contaminated, but no longer holds chemical waste

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



2 Can it be decontaminated and re-used?

Most glassware 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. Reuse or submit for pick-up through the [HWIS](#)



3 Contaminated glass

Glass that cannot be decontaminated can be disposed of in the **white** label 'chemically contaminated glass' buckets supplied by HSE



- Ensure liner is **intact**
- Place in **lined** bucket
- **NO** liquids (remove pourable liquids)
- **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 glass waste contaminated in highly toxic or reactive material
2. You have decontaminated glass that can be re-used
3. You have a nearly full chemically contaminated glass 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 glass 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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