Chemical containers and glass waste disposal

SFU does not recycle chemical containers and laboratory glass waste. All chemical containers (glass, plastic and metal) and laboratory glassware contaminated with hazardous material must be **<u>TRIPLE</u>** rinsed prior to disposal and the rinsate (i.e., wash water) disposed through the appropriate hazardous waste stream.

Containers and waste contaminated with radioactive material must be brought to the Hot Lab with a completed Radioactive Waste Disposal Acknowledment Form.

Containers or glassware contaminated with infectious material must be either autoclaved or soaked in bleach for an appropriate contact time prior to disposal.

Decontaminated containers and glassware are collected in the laboratory as outlined below and disposed in a landfill by SFU janitorial services.

If you are unsure about the appropriate disposal method for containers or glass waste contaminated with radioactive, biological or chemical residues and/or that poses a risk in order to decontaminate, contact EHS (labsafe@sfu.ca).

Chemical containers

1. Glass, plastic, and metal chemical containers must be TRIPLE rinsed with water or other suitable solvent and air dried in a fume hood to ensure that they are free of liquid or other hazardous residues before disposal.
2. If the rinsate contains hazardous levels of residue, the rinsate should be collected and disposed of as hazardous waste.
3. Remove or deface all labels and hazard warnings on the containers.
   Small (< 4 L) glass containers should be placed inside the plastic liner of the glass waste box. See figure 1.
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Laboratory glassware such as pipettes, slides, beakers, or vials (including broken glass) ready for disposal and NOT contaminated with biological, radioactive, or chemical hazards should be placed inside the plastic liner of the glass waste