

DISPOSAL OF CHEMICAL, BIOLOGICAL, GLASS & SHARPS WASTE IN THE LABORATORY

General waste bins are for harmless waste only e.g. paper towels used for hand wash, wrapping and packing materials.

Wash to drains with excess water	Trace chemically contaminated waste (Red Bins)	Waste Solvents (Special Solvent Waste Containers)	Other hazardous chemical waste (Special Waste)	Biohazard waste (Orange-topped bins)	Sharps And Glass
<p>Harmless soluble inorganic salts such as CaCl₂, MgSO₄ & Na₂SO₄, P₂O₅.</p> <p>Hypochlorite solutions.</p> <p>Buffer solutions</p> <p>Never wash hazardous chemicals into the drains.</p> <p>Never wash antibiotics into the drains.</p>	<p>Waste generated in the lab including weighing boats, gloves, tissues, waste gels, plastic pipettes, tips, tubes, trays, plastic chemical bottles etc contaminated with trace (µg) amounts of chemicals.</p> <p>Small volumes of liquid in sealed Eppendorf tubes or trapped in gels are ok.</p> <p>No glass, no sharps, no biohazards, no radioactive materials, no bulk solid, chemicals, no bulk liquids</p>	<p>All organic solvents including water miscible ones, paraffin and mineral oil (from oil baths and pumps).</p> <p><i>Download and fill in Special Waste Excel Form from Environmental, Health & Safety Services.</i></p>	<p>Any significant quantity of hazardous solid or liquid chemical waste.</p> <p><i>Download and fill in Special Waste Excel Form from Environmental, Health & Safety Services.</i></p>	<p>Solid</p> <p>All plastic-ware, tissues, gloves etc., used in cell culture or microbiology.</p> <p>Agar plates can be disposed of in this way but mark waste bag "AGAR" if there's a substantial amount.</p> <p>Separate out pipettes to smaller bins/ Do not use biohazard waste bags for any other purpose.</p> <p>Liquid</p> <p>Autoclave or treat with 2% Virkon overnight, then wash down sink.</p>	<p>Sharps: Place scalpel blades, syringes & needles and other metal sharps in the Yellow Sharps Containers.</p> <p>Reuse: Return Winchesters to supplier.</p> <p>Recycling Glass: Clean glass bottles and plate glass can be recycled. Soak empty glass chemical bottles in detergent to remove residues and labels, before recycling.</p> <p>Other Glass: Broken laboratory glassware and other glass waste, Pasteur pipettes & slides, should be placed in the cardboard non-recyclable glass bins.</p>

Advice from School Safety Officer.