DEPARTMENT OF MATERIALS

Hazardous Waste Disposal Summary - Oxford

Waste Type	Disposal Route	Waste Form
Chemicals, incl. asbestos and cleaning products with hazard warning pictograms 	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)  *Lab waste needs to be properly labelled, use hazardous waste labels from Stores.* *Unwanted chemicals in original packaging do not need a waste label.*	TW 2/10
Phenol and phenol-contaminated wastes	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721) **NOTE** Contact with phenol wastes should be minimised and no attempt should be made to empty small quantities from Eppendorf tubes etc. into larger containers. Instead, suitable leak-proof containers (i.e. designed to hold liquids, not solids) should be chosen, into which phenol solutions complete with contaminated glass or plastic ware can be placed.	TW 2/10
Photographic and imaging wastes	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Unknowns/unidentified materials 	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721) **NOTE** unknown waste is expensive and disposal is paid for by the Department or group as the Safety Office will not accept unidentified chemicals or gas cylinders. Take care to avoid the deterioration of labels in storage, as this is the most common reason for materials becoming unidentifiable and make sure samples are always clearly labelled.	N/A
Batteries and aerosols (full or empty)  	Dispose of in containers outside Stores. If you have **lithium or lithium ion battery**, please tape the terminal ends with duct tape and keep separate from other dry batteries. If you have a **lead-acid battery (wet battery),** please complete a waste form and send to Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721) **NOTE** punctured aerosol cans, are not considered hazardous waste as they are no longer under pressure and may be recycled as metal waste. Contact Mike Stanley (mike.stanley@materials.ox.ac.uk or 83222)	N/A N/A TW 2/10

Gas cylinders (empty and full) 	Return to Stores if issued by Stores Technician. Return to supplier if purchased directly from supplier. **NOTE** some suppliers do not accept return of lecture bottles. These are disposed of through Safety Office. Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	N/A N/A TW 2/10
Domestic chemical containers with hazard sign e.g. bleach, toilet cleaner etc. 	Wash out container with water (removing labels if possible) and place in non-hazardous waste stream (skips). If the container cannot be washed out, dispose of via the Chemical Technician (chemicals@materials.ox.ac.uk)	N/A TW 2/10
Solvent based paints, varnishes and empty tins 	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Water based paints and empty paint tins	Via non-hazardous waste stream (skips) – seal containers which are not empty	N/A
Waste cutting oil	Contact Duncan Constable in Engineering Science duncan.constable@eng.ox.ac.uk (73070)	N/A
(Other) waste oil 	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Solvent or oil impregnated materials, rags etc.	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Fluorescent tubes and other gas discharge lamps (GDLs).  	Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721) **NOTE** ordinary tungsten and halogen light bulbs are not considered hazardous waste. These are wrapped in tissue paper, boxed, write with a marker what the box contains and dispose in the general waste bin.	N/A
High intensity gas dicharge lamps	Includes high and low pressure noble gas filled, mercury and sodium discharge lamps. Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Mercury-containing equipment (other than GDLs)	Includes thermometers, manometers, electrical switches and some printed circuit boards. Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Empty plastic chemical containers 	MUST BE CLEAN and DRY, remove/deface the labels then dispose of in recycling bin (by ETB) (green lid). EXEPT containers that cannot be washed out e.g. some hydrofluoric acid bottles have a non-removable dripper top, These MUST be treated as hazardous wastes and be disposed of via the Chemicals Technician Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	N/A TW 2/10

Empty glass winchester bottles and pasteur pipettes (recyclable e.g. soda-lime) 	MUST BE CLEAN, remove/deface the labels then dispose of in glass recycling wheelie bin by ETB. Lids are separately disposed in the general waste bin. Empty/discharged pasteur pipettes with no visual contamination can also be disposed of in the glass recycling bin by ETB. 	N/A
Clean non-recyclable (e.g. Pyrex, borosilicate) laboratory glassware (in cardboard box with plastic liner – glass bin) 	MUST BE CLEAN, and the cardboard box safely packaged/taped up, dispose of in the general waste skip. 	N/A
Contaminated glass waste	Contaminated glass must be treated as chemical waste. Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	TW 2/10
Sharps bins (with orange lid)  Syringe needles & body  Syringe needles  Syringe body  Razor blades  Scalpel blades  Only small contaminated glass shards that cannot be cleaned may be disposed in a sharps bin	Dispose of through Safety Office (10 Parks Road) (enquiries@safety.ox.ac.uk or 70811) **NOTE** sharps bins containing traces of biological waste must be tagged. For tags contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)  **Furthermore**, sharps contaminated with: • cytotoxic or cytostatic compounds require a sharps bin with purple lid • medicines require a sharps bin with blue lid These also require tags. For tags contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	N/A

Refrigerated equipment 	Considered as hazardous WEEE (Waste Electrical & Electronic Equipment). Includes Fridges, freezers, incubators, centrifuges etc. Contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	HE 3/10
Laser equipment 	Recycled/disposed of through the Safety Office – contact Christina Foldbjerg Holdway (chemicals@materials.ox.ac.uk or 73721)	N/A
Computers and monitors 	Includes cathode ray tubes, televisions and other computer equipment. Dispose/recycle through contractor – contact Paul Warren (itsupport@materials.ox.ac.uk or 73727)	N/A
Electrical equipment (WEEE - Waste Electrical & Electronic Equipment)	Make sure equipment is taken off the Portable Appliance Testing and Equipment Register databases before disposal. Contact Paul Warren (itsupport@materials.ox.ac.uk or 73727) or Ashley Brown (ashley.brown@materials.ox.ac.uk or 73756).	N/A
Toner cartridges (except Epson type and photocopier cartridges) & mobile phones	Take to Reception – they are recycled by the RNIB	N/A