

Biological, Contaminated & Related Waste Disposal

NOTE: It is assumed here that items are contaminated with substances which are:

Low Hazard: Non-Hazardous, Non GM, Hazard Group 1

Hazardous: GM and Hazard Group 2, 3

Liquid Waste

Cultures, very small amounts of blood, ...

Low Hazard

Hazardous



Sterilise with Virkon Solution



To Drain

Sharps (needles, broken glass, ...)



place in Yellow Sharps Bin

Low Hazard

Hazardous

Autoclave

CLEAN Sharps Bin



YELLOW STREAM WASTE ONLY
FOR INCINERATION



Attach Blue Waste Tag and Place in Clinical Waste Compound (Yellow Waste Route)

Cytotoxic Waste

Liquid, Sharps

Culture Plates, Flasks, Gloves, ...

Pipettes, Stripettes, Tips



Purple Sharps Bin



Purple Waste Bag



Purple Biobin



Attach Blue Waste Tag and Place in Clinical Waste Compound
Check with DSO which container to place the waste in

Solid Waste

Culture Plates, Flasks, Gloves,

Pipettes, Stripettes, Tips

Low Hazard

Hazardous



Autoclave bag with Autoclave Tape



Orange Biobin

Hazardous

Low Hazard

Autoclave



Orange Clinical Waste bag sealed with Blue Waste Tag and place in Clinical Waste Compound (Orange Waste Route)

NOTE: Sharps Bins, Biobins and Waste Bags are available from Departmental Stores

Blue Waste Tags are available from the DSO

Chemical, Contaminated & Related Waste Disposal

Chemicals & Contaminated Items

(More details available in the Safety Handbook)

DISPOSAL PAID FOR BY RESEARCH GROUP

List items on the Chemical Waste Form

<http://www3.imperial.ac.uk/safety/subjects/hazwaste/chemicalwastedisposal>

Imperial College London		Campus Please choose...		EA Prem Reg Code	
Waste No		Department		IC Grant Code	
		From			
		E-mail		Invoice to	
		Tel No			

The grey highlighted rows and columns need to be completed as fully as possible

Use one line per waste item

Item	Chemical Name or Description of waste	If not pure product		Container Type	No. of containers	Container Size kg or ltr	Physical State	Hazard Codes	EWC Code	UN No.	UN Cls	PG	Proper Shipping Name
		Components	Concentration										<small>This will autopopulate when you complete the UN number</small>
1													
2													
3													
4													
5													
6													
7													

and obtain WASTE NUMBER (put in defect)

Pack Items Appropriately

<p>Chemicals</p> <p>in Appropriate container/ bottle/drum and/or box</p>	<p>Contaminated Sharps</p>  <p>in Yellow Sharps Bin</p>	<p>Contaminated Non-Sharps</p>  <p>in Hazardous Material Bag</p>
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CHEMICAL WASTE

CONTENTS:

PRODUCER:

Name:

Department:

Date:

Add Yellow Chemical Waste Label (include WASTE NUMBER)

Place in Departmental Solvent Store for Collection



NOTE:

Sharps Bins, Hazardous Material Bags and Chemical Waste Labels are available from Departmental Stores
Blue Waste Tags are available from the DSO

Sharps (needles, broken glass, ...)

Needles, broken glass and anything which could cause injury through cutting or stabbing



Place in Yellow Sharps Bin

<p>Chemical Contamination</p> <p>Follow Chemical Waste Disposal Procedure</p> 	<p>Non-Hazardous</p>  <p>Blue Waste Tag on lid</p>
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Place in Clinical Waste Compound (Yellow Waste Route)



Waste Electrical & Electronic Equipment (WEEE)

DISPOSAL PAID FOR BY RESEARCH GROUP

Register items for removal with the online form:

<http://www3.imperial.ac.uk/estatesfacilities/reportrequest/onlineforms/waste/weee>

Lab equipment must be decontaminated. A completed and signed College Decontamination Certificate must be attached to the item(s) - see:

<http://www3.imperial.ac.uk/safety/formsandchecklists/decontamination>

CLEAN Broken Glass



This should be placed in the Red Glass Bin found in your lab.
 Red Glass Bins are emptied by the cleaners
Red Glass Bins are available from the DSO

Empty Chemical Bottles (Glass)

CLEAN, DRY, NO TOPS

→ Grey Recycling Box found in your lab




Grey Boxes are emptied by the cleaners
Grey Boxes are available from the DSO

Waste Packaging - Reminder for Stores Purchases

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Non Hazardous	Non-Pointy Lab Plastics, Gloves, Paper, ...			Plastic Pipettes, Stripettes, Pipette Tips		Sharps (needles, broken glass, ...)	
Non Hazardous, inert contamination, domestic waste	Chemical Contamination	Biological Contamination (Non-Hazardous or after Sterilisation)	Cytotoxic Waste	Biological Contamination	Cytotoxic Waste	Cytotoxic Waste	Chemical or Biological Contamination
Black bag	Hazardous Material Bag	Orange Clinical Waste Bag	Purple Cytotoxic Waste Bag	Orange Bio-bin	"Purple" Bio-bin	"Purple" Sharps Bin	Yellow Sharps Bin
							

ALSO

N/A	<p>Label</p> 		<p>Blue Waste Tag (Available from DSO)</p>	<p>Blue Waste Tag (Biological) or Yellow Chemical Waste Label (Chemical)</p>
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ALSO USEFUL

N/A	N/A	Autoclave bags and tape for sterilisation	N/A	N/A	N/A	N/A	N/A
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