



Swansea University
Prifysgol Abertawe

Swansea University

Waste Management Guidance Note
WMGN26 Infectious and Chemically
Contaminated Solid Waste and Sharps
Waste
Yellow bag/Yellow lidded clinical waste
box)

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Waste Management Guidance Note WMGN26 Infectious and Chemically Contaminated Solid Waste and Sharps Waste	
Location Generated	Laboratory Category CAT1/2
EWC	18 01 03* / 18 01 06* / 18 01 09
Transport Class & UN Number	Class 6.2 / UN 3291
Type	Controlled – hazardous waste HP9 Infectious Controlled – Chemical
Disposal Method	Segregated for incineration
Bin/Bag Type	Metal fire proof bin / Yellow Bag Only Yellow topped yellow ridged clinical box 4ltr, 7ltr, 11ltr, 24ltr

Duty of Care Requirements

EWC 18 01 03* Waste whose collection and disposal is subject to special requirements in order to prevent infection

EWC 18 01 06* Chemicals consisting of or containing hazardous substances

EWC 18 01 09 Medicines other than cytotoxic and cytostatic medicines

Wastes from human and animal health care and/or related research which require disposal by incineration. Indicative treatment/disposal required is incineration in a suitably permitted or licensed facility.

Description; Clinical waste, infectious, containing chemicals from human/animal healthcare, for incineration only.

It is a legal requirement under the Hazardous Waste Regulations to segregate hazardous wastes from non-hazardous waste and to ensure all wastes are correctly classified. Incorrectly disposing of hazardous waste via a non-hazardous waste stream can lead to legal and financial penalties dependent upon the severity of the noncompliance. The Department of Health Technical Memorandum 07-01: Safe Management of Healthcare Waste¹, provides comprehensive guidance on the disposal of Healthcare waste in line with industry standards, and legal requirements, and outlines the nationally recognised colour coded system for healthcare/clinical wastes.



¹ [Department of Health Technical Memorandum 07-01: Safe Management of Healthcare Waste](#)

Infectious chemically contaminated clinical waste is produced within the laboratory environment during work on human/ animal samples and cell lines. Within a research setting as a result of the testing samples containing infection, or suspected of having an infection and are contaminated with the following (but not limited to) body fluids;

- Blood / blood plasma / blood serum
- Bile
- Mucus
- Saliva
- Urine

Waste Items

The following waste items contaminated with clinical and infectious waste containing chemicals, must be segregated for disposal;

Yellow lidded clinical waste box (sharps)	Yellow Bags (Solid Waste – non-sharp)
- Vials	- Personal Protective Clothing PPE – gloves and masks, aprons
- Syringes	- Blue Roll
- Testing kits	- Wipes / paper towels
- Plastic sample tubes	
- Plastic tips	
- Plastic Pipettes	
- Test strips	
- Swabs	
- Serological pipettes (Disinfect prior to disposal)	
- Blades	
- Scissors	
- Other disposable instruments	

Disposal Instructions

Internal Storage

Yellow lidded clinical waste box

All sharps (including wastes likely to puncture yellow waste bags) infectious clinical waste contaminated with chemicals must be placed into yellow lidded clinical waste box for disposal.

Please note COSHH stipulates that all tissue and cell cultures must be disinfected before disposal into a yellow lid sharps bin. See local rules for disinfection guidance.



Figure 1 – Yellow lidded clinical waste box

Yellow lidded clinical waste boxes can be obtained and signed out from the following locations;

Singleton Campus

FMHLS – ILS1 Stores

FSE – Wallace Stores

Bay Campus

FSE – Engineering Service Yard Office

External Storage/ Disposal

For disposal, please ensure the lid is sealed for transport, full clinical waste boxes must be taken back to the following locations;

Singleton Campus

FMHLS – ILS1 Stores

FSE – Wallace Stores (dedicated external 1100 yellow bins) See stores staff for access

Bay Campus

FSE – Engineering Service Yard Office (dedicated external 1100 yellow bins) See service yard office staff for access

Disposal Instructions

Internal Storage

Yellow Bags

All laboratories and clinics producing infectious solid waste must see to install complaint waste bins, a standard specification has been developed in is available [here](#).

All solid non-sharps infectious clinical waste contaminated with chemicals must be placed into yellow bags for disposal in white metal flip top clinical grade bins. Each bin must have an Infectious and Chemically Contaminated Solid Waste Sign (sign placed onto it which can be found below.

Under **no** circumstances should any sharps, be placed into a yellow bag, or items that may affect the integrity of the bag, including tips. Glass piercers the bags and has health and

safety implications for waste service providers, see [WMGN23](#) Broken and Contaminated Laboratory Glass



Figure 2 – Yellow clinical waste bag and preferred metal fire-proof bin

Yellow bags can be obtained and signed out from the following locations;

Singleton Campus

FMHLS – ILS1 Stores

FSE – Wallace Stores

Bay Campus

FSE – Engineering Service Yard Office

External Storage/ Disposal

For disposal, please ensure the lid is sealed for transport, full sharps bins must be taken back to the following locations;

Singleton Campus

FMHLS – ILS1 Stores

FSE – Wallace Stores (dedicated external 1100 yellow bins) See stores staff for access

Bay Campus

FSE – Engineering Service Yard Office (dedicated external 1100 yellow bins) See service yard office staff for access

Disposal Cost

There is a charge for this service, please contact estates-waste@swansea.ac.uk

For Further guidance please contact Estates-Waste@Swansea.ac.uk

Forms, Labelling and further guidance

Infectious and Chemically Contaminated Solid Waste Sign can be found below
All relevant forms, labels and further waste guidance can be found [here](#).

INFECTIOUS AND CHEMICALLY CONTAMINATED SOLID WASTE



YELLOW BAG ONLY

METAL CLINICAL FLIP TOP BIN - EWC 18 01 03 *

ITEMS

PPE – GLOVES / MASKS / APRONS – WIPES – DRESSING – PLASTERS – BANDAGES –
CONTAMINATED WITH BODY FLUIDS AND CHEMICALS – PLASTIC MEDIA BOTTLES
(DISINFECT)

NO GLASS OF ANY TYPE – SHARPS / DOMESTIC OR RECYCLING WASTE / NO VIABLE MICRO
ORGANISMS/ CELL CULTURES

YELLOW BAGS MUST NOT BE PLACED IN EXTERNAL NON-RECYCLING OR RECYCLING BINS