

# Swansea University

## Waste Management Guidance Note WMGN32 Waste Oils

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<b>Waste Management Guidance Note WMGN32</b> <b>Waste Oil (all liquid oils except edible oil)</b>	
Location Generated	Any Laboratory / Workshop
EWC	13 (Entire Chapter) and specific sub-chapters
Type	Absolute Hazardous
Disposal Method	Segregated for incineration / disposal
Bin/ Bag Type	Metal fireproof container

### **Duty of Care Requirements**

Under Technical Guidance WM3<sup>1</sup>, there a variety of EWC codes associated with waste oil (primarily non-edible or biodiesel oils). The Sustainability team will provide coding advice to ensure that the waste oil is correctly classified with an accurate EWC. Waste oils that will fall under Chapter 13 EWC codes include;

- 13 01: Waste hydraulic oils
- 13 02: Waste engine, gear and lubricating oils
- 13 03: Waste insulating and heat transmission oils
- 13 04: Bilge oils
- 13 05: Oil/water separator contents
- 13 07: Wastes of liquid fuels
- 13 08: Oil wastes not otherwise specified

This guidance note also relates to the liquid oils reference in other chapters;

- 12 01: Wastes from shaping and physical and mechanical surface treatment of metals and plastics
- 08 03 19\*: Disperse oil
- 19 02 07\*: Oil and concentrates from separation
- 19 08 10\*: Grease and oil mixture from oil/water separation other than those mentioned in 19 09 09
- 20 01 26\*: Oil and fat other than those mentioned in 20 01 25

Note: See WMGN31 for solid or oil-contaminated wastes

It is a legal requirement under the Hazardous Waste Regulations to segregate hazardous wastes from non-hazardous wastes and to ensure that all wastes are correctly classified. All wastes oils outlined above will be classified as hazardous waste regardless of no hazardous properties being present. 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.

Waste oils are highly flammable and may have a number of other hazardous properties therefore must be dealt with diligently.

<sup>1</sup> Waste Classification: Guidance on the classification and assessment of waste (1<sup>st</sup> edition 2015)

## Items

Waste oils should be contained in unique, separated and adequately labelled storage containers. For oils with unknown composition and/or contamination, detailed analysis may be required to ensure effective classification is undertaken. Contact the Sustainability team ([estates-waste@swansea.ac.uk](mailto:estates-waste@swansea.ac.uk)) for guidance and further details.

For any oil-contaminated waste materials, please see associated WMGN31 Oil Contaminated Solids.

Under **no** circumstances should any waste oils be mixed or disposed via the drains or to open water bodies.

## Disposal Instructions

### Internal Storage

Metal fire-proof sealable drums must be used for waste oils. All drums should be labelled and adequately banded (at least 110% of full capacity) to ensure any leaks are contained and easily remedied.

Full drums of waste oil must not accumulate therefore please seek advice from Sustainability on disposal mechanisms promptly.

### External Storage

#### Singleton Campus

Please email [estates-waste@swansea.ac.uk](mailto:estates-waste@swansea.ac.uk) to coordinate the disposal of waste oil

#### Bay Campus

Bay Campus

There is a dedicated, banded oil store located in the Engineering service yard. For disposal, please email [estates-waste@swansea.ac.uk](mailto:estates-waste@swansea.ac.uk)

ALL waste oil / coolant / lubricant waste containers MUST have a disposal label. The oil waste disposal label is available below.




## Disposal Cost

Disposal cost will vary depending on the type(s) and quantity of the waste oil that requires disposal. The Sustainability team will provide a quote for disposal via the applicable waste management contractor. Only quotes received from approved contractors will be valid.

## Labelling

See template: Hazardous properties and EWC to be updated for each drum

**For further guidance contact [estates-waste@swansea.ac.uk](mailto:estates-waste@swansea.ac.uk)**

SWANSEA UNIVERSITY OIL / COOLANT / LUBRICANT WASTE LABEL			
College/P SU		Contact name	
Building		Date	
Substance / Contents	OIL / COOLANT / LUBRICANT NAME	<b>Hazards</b>	
		 <input type="checkbox"/>	 <input type="checkbox"/>
		 <input type="checkbox"/>	
Lab/ room number			

# WARNING - HAZARDOUS WASTE

Hazardous Properties to be updated in line with waste oil (use MSDS or classification for the petroleum group)



*F*FLAMADWY  
FLAMMABLE



*N*IWEIDIOL  
HARMFUL

EWC code to be updated as advised by Sustainability

**LIQUID WASTE OIL ONLY**

**EWC** XX XX XX \*

**INTERNAL - FIRE-PROOF DRUM ONLY**

**NO SOLIDS OR ANY OTHER CONTAMINATION ALLOWED**