

Swansea University

Waste Management Guidance Note WMGN32 Waste Oils

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

Duty of Care Requirements

Under Technical Guidance WM3¹, 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.

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

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) 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 bunded (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 to coordinate the disposal of waste oil

Bay Campus

Bay Campus

There is a dedicated, bunded oil store located in the Engineering service yard. For disposal, please email <u>estates-waste@swanse.ac.uk</u>

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

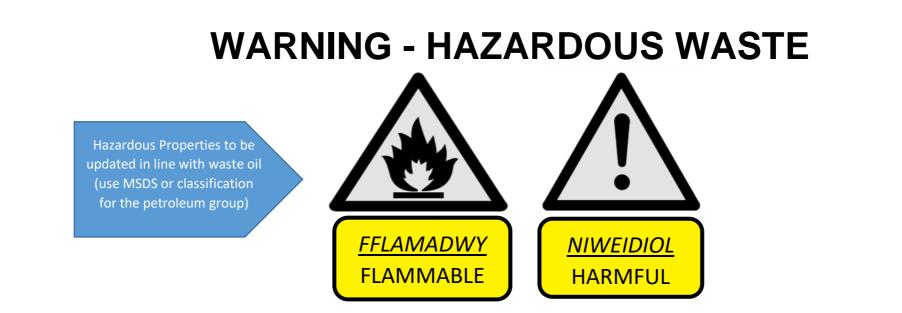
Disposal Cost

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 <u>estates-waste@swansea.ac.uk</u>

SWANSEA UNIVERSITY OIL / COOLANT / LUBRICANT WASTE LABEL			
Faculty/ PSU		Contact name	
Building		Date	
Substance / Contents	OIL / COOLANT / LUBRICANT NAME	Hazards Line Flammable	Hazardous to the enviror
Lab/ room number			



LIQUID WASTE OIL ONLY

EWC code to be updated as advised by Sustainability

EWC XX XX XX *

INTERNAL - FIRE-PROOF DRUM ONLY

NO SOLIDS OR ANY OTHER CONTAMINATION ALLOWED