

EPA Application Form

4. Activity and Capacity

4.6.2 - Raw Materials, Intermediates and Products - Attachment

Organisation Name: *

Bord na Móna Public Limited Company

Application I.D.: *

LA010978

4. Activity and Capacity

4.6. Raw Materials, Intermediates and Products

Details of Process related Raw Materials, Intermediates, Products, etc., used or generated on the site *

Complete the table below for all process related raw materials, intermediates, products, etc., used or generated on the site **Note 1** - See notes below table for further information

Note: Add additional rows in to this table if required. (Please copy the existing formatting into added rows).

Ref. No. or Code	Material/ Substance ⁽²⁾	CAS Number	Danger Category ⁽³⁾	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Hazard Statement ⁽⁴⁾	Odour		
								Odorous Yes/No	Description	Threshold µg/m3
MAT001	Diesel	68334-30-5	Flammable Liquid, Toxic to Aquatic Life, Carcinogenic	45	400	Site Vehicles	H226, H304, H315, H332, H350, H373, H411	Yes	Diesel Fuel	Not Detected
MAT002	Kerosene	8008-20-6	Flammable Liquid, Toxic to Aquatic Life	15	15	Welfare Building Heating	H226, H304, H315, H336, H411	Yes	Mild Parrafinic	Not Detected
MAT003	Engine Oil - New	N/A	Not classified	39.5	174	Maintenance of 4 landfill gas utilisation plant engines	Not Classified	Yes	Hydrocarbon	Not Detected
MAT004	Oils - Used (waste engine oil)	N/A	Not classified	9.5	9.5	Servicing of 4 landfill gas utilisation engines	Not Classified	Yes	Hydrocarbon	Not Detected
MAT005	Sulphuric Acid	7664-93-9	Causes severe burns	2	11	Reverse Osmosis Plant	H314	Yes	Slightly Pungent	Not Detected
MAT006	Sodium Hydroxide (32% w/v)	1310-73-2	Corrosive to metals, Causes severe skin burns and eye damage	2	12	Reverse Osmosis Plant	H290, H314	No	Not Applicable	Not Detected
MAT007	Sulphuric Acid	7664-93-9	Causes severe burns	20	300	Compost Plant Extension Acid Scrubber – Odour Abatement	H314	Yes	Slightly Pungent	Not Detected

Raw Materials, Intermediates and Products cont...

Ref. No. or Code (repeated)	Pollutants (Tick and specify Group/Family Number)				Controlled Substances REACH SVHC ⁽⁶⁾	Relevant hazardous substance? ⁽⁷⁾ Yes/No
	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous ⁽⁵⁾	Non- hazardous ⁽⁵⁾		
MAT001	Not Applicable	Not Applicable	Yes	No	No	Yes
MAT002	Toluene, Xylene	PAH	Yes	No	No	Yes
MAT003	Not Applicable	Not Applicable	Yes	No	No	No
MAT004	Not Applicable	Not Applicable	Yes	No	No	No
MAT005	Not Applicable	Not Applicable	Undetermined	Undetermined	No	No
MAT006	Not Applicable	Not Applicable	Undetermined	Undetermined	No	No
MAT007	Not Applicable	Not Applicable	Undetermined	Undetermined	No	No

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								Odourous Yes/No	Description	Threshold µg/m3
MAT008	AdBlue	1336-21-6	Not classified	1	1	Site Vehicles	H335, H314, H411, H400	Yes	Faint specific odour, ammonia-like	Not Detected
MAT009	Engine Oil	Mixture	Not classified	0.6	1	Servicing and maintaining equipment and machinery on the landfill	Not Classified	Yes	Hydrocarbon	Not Detected
MAT010	Hydraulic Oil	N/A	Not classified	0.6	1	Servicing and maintaining equipment and machinery on the landfill	Not Classified	Yes	Hydrocarbon	Not Detected
MAT011	Coolant (engine)	203-473-3	Not classified	0.4	0.5	Servicing and maintaining equipment and machinery on the landfill	Not Classified	Yes	Hydrocarbon	Not Detected

Raw Materials, Intermediates and Products cont...

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	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous ⁽⁵⁾	Non- hazardous ⁽⁵⁾		
MAT008	Not Applicable	Not Applicable	Undetermined	Undetermined	No	No
MAT004	Not Applicable	Not Applicable	Yes	No	No	No
MAT004	Not Applicable	Not Applicable	Yes	No	No	No
MAT004	Not Applicable	Not Applicable	Yes	No	No	No

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								Odourous Yes/No	Description	Threshold µg/m3

Particular attention should be paid to materials and product consisting of, or containing, dangerous substances as described in the EU (Classification, Packaging, Labelling and Notification of Dangerous Substances) Regulations 2003 [SI 116/2003] as amended and Regulation (EC) No. 1272/2008. The list must classify these materials in accordance with both of these Regulations, and must specify the designated Hazard Statements. Hazard statements for each substance should be in accordance with Article 21 of the EC Regulation 1272/2008.

The list must identify any Substances of Very High Concern (SVHC) listed in Annex XIV of the REACH Regulations (Regulation (EC) No 1907/2006) as amended and indicate whether the use has been authorised or is exempted in accordance with the Regulation. In the case(s) of exempted use(s) the list must state the basis for each intended exempted use concerned.

2 In cases where a material comprises a number of distinct and available dangerous substances, please give details for each component substance.

3 Article 2(2) of S.I. No. 116/2003.

4 EC Regulation 1272/2008 (Chemicals Act 2008 (13 of 2008) and 2010)

5 The EPA Classification of Hazardous and Non-Hazardous Substances in Groundwater, December 2010.

6 Where relevant, specify whether the substance is on the Authorisation List (Annex XIV Regulation (EC) No 1907/2006 as amended) or

7 Relevant hazardous substances are those substances or mixtures defined within Article 3 of Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures which, as a result of their hazardousness, mobility, persistence and biodegradability (as well as other characteristics), are capable of contaminating soil or groundwater.

Raw Materials, Intermediates and Products cont...

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	Specific pollutants	Priority (hazardous) substances	Hazardous ⁽⁵⁾	Non- hazardous ⁽⁵⁾		