

# EPA Application Form

## 4. Activity and Capacity

### 4.6.2 - Raw Materials, Intermediates and Products - Attachment

**Organisation Name:**

Amazon Data Services Ireland Limited

**Application I.D.:**

LA011866

### 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 <sup>(2)</sup>	CAS Number	Danger Category <sup>(3)</sup>	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Hazard Statement <sup>(4)</sup>	Odour		
								Odourous Yes/No	Description	Threshold µg/m3
1	R134a - Tetrafluoroethane	811-97-2	Warning: explosive gas	<1	<1	Utilities	H280	Yes	Faint ethereal odour	No data available
2	R407c - Hydrofluorocarbons blend	811-97-2 354-33-6 75-10-5	Warning: explosive gas	<0.2	<0.2	Utilities	H280	Yes	Faint ethereal odour	No data available
3	R32 - Refrigerant	75-10-5	Warning: explosive gas	<0.2	<0.2	Utilities	H280 H220	Yes	Faint ethereal odour	No data available
4	R410a - difluoromethane, pentafluoroethane	75-10-5 354-33-6	Danger: extremely flammable, explosive, mutagenic, carcinogenic	<1	<1	Utilities	H280 H220 H340 H350	Yes	Faint ethereal odour	No data available

**Raw Materials, Intermediates and Products cont...**

Ref. No. or Code (repeated)	Pollutants (Tick and specify Group/Family Number)				Controlled Substances REACH SVHC <sup>(6)</sup>	Relevant hazardous substance? <sup>(7)</sup> Yes/No
	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous <sup>(5)</sup>	Non-hazardous <sup>(5)</sup>		
1	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Yes
2	Not Listed	Not Listed	Yes (Pentafluoroethane & Difluoromethane)	No	Not Listed	Yes
3	No	No	Unavailable	Unavailable	No	Yes
4	Not listed	Not listed	Yes	No	Not listed	Yes

### 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 <sup>(2)</sup>	CAS Number	Danger Category <sup>(3)</sup>	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Hazard Statement <sup>(4)</sup>	Odour		
								Odourous Yes/No	Description	Threshold µg/m3
5	Diesel	68334-30-5	Warning: Flammable, carcinogenic, Irritant, mutagenic, very toxic, harmful, dangerous to the environment	579.15 (Filled to 90% capacity. Maximum if no HVO stored)	1409.59 (Maximum if no HVO used)	Back-up/Emergency Generators	H351 H304 H332 H315 H373 H226 H411	Yes	Aromatic	No data available
6	Hydrotreated Vegetable Oil (HVO)	928771-01-1	Danger: May be fatal if swallowed and enters airways. Combustible. Risk of soil and GW contamination.	569.72 (Filled to 90% capacity. Maximum if no Diesel stored)	1383.7 (Maximum if no diesel used)	Back-up/Emergency Generators	H304	Yes	Mild	No data available
7	Chem Aqua Descaler	7647-01-0 26635-93-8	Danger: corrosive, irritant, very toxic, dangerous to the environment	<1	<1	Utilities	H314 H335 H302 H315 H318 H400 H410	Yes	Acidic	No data available
8	Coolant	107-21-1 19766-89-3	Warning: may cause damage through prolonged exposure	<1	<1	Utilities	H373	No	N/A	No data available
9	Chem Aqua BP800	1310-73-2	Danger: causes severe skin burns and eye damage	<1	<1	Utilities	H314	Yes	Slight	No data available
10	Urea Solution (AdBlue)	57-13-6 200-315-5	N/A. Mild irritant to eyes, skin	10.14 (filled to 90% capacity)	34.65	SCR-exhaust treatment	N/A	Yes	Slight	No data available

**Notes:** 1 The details provided should be very comprehensive, all materials used, fuels, intermediates, laboratory chemicals and product should be included.

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

**Raw Materials, Intermediates and Products cont...**

Ref. No. or Code (repeated)	Pollutants (Tick and specify Group/Family Number)				Controlled Substances REACH SVHC <sup>(6)</sup>	Relevant hazardous substance? <sup>(7)</sup> Yes/No
	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous <sup>(5)</sup>	Non-hazardous <sup>(5)</sup>		
5	Not listed	Not listed	Yes	No	Not listed	Yes
6	Not listed	Not listed	Yes	No	Not listed	Yes
7	Not listed	Not listed	No	No	Yes - Hydrochloric Acid	No
7	Not listed	Not listed	No	No	Not Listed	No
8	Not listed	Not listed	No	No	Not Listed	No
9	Not listed	Not listed	No	No	Not Listed	No

**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 <sup>(2)</sup>	CAS Number	Danger Category <sup>(3)</sup>	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Hazard Statement <sup>(4)</sup>	Odour		
								Odourous Yes/No	Description	Threshold µg/m3

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 Restriction List (Annex XVII Regulation (EC) No 1907/2006 as amended). Also, indicate whether the use has been authorised or exempted in accordance with Regulation (EC) No 1907/2006 as amended.

**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...**

Ref. No. or Code (repeated)	Pollutants (Tick and specify Group/Family Number)				Controlled Substances REACH SVHC <sup>(6)</sup>	Relevant hazardous substance? <sup>(7)</sup> Yes/No
	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous <sup>(5)</sup>	Non-hazardous <sup>(5)</sup>		

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 <sup>(2)</sup>	CAS Number	Danger Category <sup>(3)</sup>	Amount Stored (tonnes)	Annual Usage (tonnes)	Nature of Use	Hazard Statement <sup>(4)</sup>	Odour		
								Odourous Yes/No	Description	Threshold µg/m3

||
||
||

Date	Amendment since previous version	Reason
Jul-17	N/A	Online application attachment
Oct-17	Format adjusted to make 'Note 7' visible	Correction



**Raw Materials, Intermediates and Products cont...**

Ref. No. or Code (repeated)	Pollutants (Tick and specify Group/Family Number)				Controlled Substances REACH SVHC <sup>(6)</sup>	Relevant hazardous substance? <sup>(7)</sup> Yes/No
	EC EO (Surface Waters) Regulations 2009		EC EO (Groundwater) Regulations 2010			
	Specific pollutants	Priority (hazardous) substances	Hazardous <sup>(5)</sup>	Non-hazardous <sup>(5)</sup>		