



SAFETY DATA SHEET

Anchor spray DCM Free Canister Adhesive

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Anchorspray DCM Free Canister Adhesive

Container size 22 Litres

EU REACH registration notes All chemicals used in this product have been registered under REACH where required.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive. Use only as directed.

Uses advised against Flexible PVC due to the risk of plasticiser migration.

1.3. Details of the supplier of the safety data sheet

Supplier Redwood-UK Ltd
18 Arnside Road
Waterlooville
Hampshire
PO7 7UP

Tel: +44 (0)2392 233310 (Mon-Fri 0730-1600)

Email: sales@redwood-uk.com

1.4. Emergency telephone number

Emergency telephone +44 02392233310

National emergency telephone number National Poisons Information Service (UK): 0844 892 0111 (healthcare professionals only)
NHS: 111 (members of the public)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Flam. Gas 1A - H220 Press. Gas (Liq.) - H280

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

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Hazard pictograms



Signal word

Danger

Hazard statements

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P261 Avoid breathing vapours.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information

Please refer to Safety Data Sheet.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

DIMETHOXYMETHANE	30-60%
CAS number: 109-87-5 EC number: 203-714-2	
Classification	
Flam. Liq. 2 - H225	
PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)	30-60%
CAS number: 68476-85-7 EC number: 270-704-2	
Classification	
Flam. Gas 1A - H220 Press. Gas (Liq.) - H280	
DIMETHYL ETHER	10-30%
CAS number: 115-10-6 EC number: 204-065-8	
Classification	
Flam. Gas 1A - H220 Press. Gas (Liq.) - H280	

The full text for all hazard statements is displayed in Section 16.

Composition comments

Liquefied petroleum gases (CAS: 68476-85-7) contains less than 0.1% w/w 1,3-butadiene, meaning that the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply. This product does not contain nanoforms.

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Ingredient notes Where required, the acute toxicity estimate (ATE) for any substance is listed in Section 11.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. If breathing stops, provide artificial respiration. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Get medical attention. Do not induce vomiting.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. If adhesive bonding occurs, do not force eyelids apart.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
Inhalation	Coughing, chest tightness, feeling of chest pressure. Exposure may cause coughing or wheezing. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.
Ingestion	There may be soreness and redness of the mouth and throat.
Skin contact	Frostbite.
Eye contact	There may be irritation and redness.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Show this Safety Data Sheet to the medical personnel. Vapours may cause headache, fatigue, dizziness and nausea. Difficulty in breathing. Avoid breathing vapours.
Specific treatments	If adhesive bonding occurs, do not force eyelids apart.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, dry powder or carbon dioxide. Alcohol-resistant foam.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
Hazardous combustion products	Oxides of carbon. Acrid smoke or fumes.

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5.3. Advice for firefighters

Protective actions during firefighting Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact. Avoid breathing vapour/spray. Provide adequate ventilation.

For non-emergency personnel For the greatest protection, clothing should include anti-static overalls, boots and gloves.

For emergency responders For the greatest protection, clothing should include anti-static overalls, boots and gloves.

6.2. Environmental precautions

Environmental precautions Contain spillage with sand, earth or other suitable non-combustible material. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Approach the spillage from upwind. Take precautionary measures against static discharge. Use only non-sparking tools.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Wear protective clothing as described in Section 8 of this safety data sheet. Read and follow manufacturer's recommendations. Do not use in confined spaces without adequate ventilation and/or respirator. Do not eat, drink or smoke when using this product.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas. Wash after use and before eating, smoking and using the toilet. Do not smoke in work area. Clean equipment and the work area every day.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Keep in a cool, well ventilated place.

Storage class Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Adhesive.

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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

DIMETHOXYMETHANE

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 3160 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 3950 mg/m³

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

WEL = Workplace Exposure Limit.

DIMETHOXYMETHANE (CAS: 109-87-5)

DNEL	<p>General population - Dermal; Long term systemic effects: 5.7 mg/kg/day</p> <p>General population - Inhalation; Long term systemic effects: 39 mg/m³</p> <p>General population - Oral; Long term systemic effects: 9.6 mg/kg/day</p> <p>Workers - Inhalation; Long term systemic effects: 132 mg/m³</p> <p>Workers - Dermal; Long term systemic effects: 22 mg/kg/day</p>
PNEC	<p>- Fresh water; 14577 mg/l</p> <p>- Sediment (Freshwater); 13135 mg/kg/day</p> <p>- Sediment (Marinewater); 13135 mg/kg/day</p> <p>- Soil; 46538 mg/kg/day</p> <p>- marine water; 14577 mg/l</p> <p>- STP; 10000 mg/l</p>

DIMETHYL ETHER (CAS: 115-10-6)

PNEC	<p>Fresh water; 0.155 mg/l</p> <p>marine water; 0.016 mg/l</p> <p>Intermittent release; 1.549 mg/l</p> <p>STP; 160 mg/l</p> <p>Sediment (Freshwater); 0.681 mg/l</p> <p>Sediment (Marinewater); 0.069 mg/l</p> <p>Soil; 0.045 mg/l</p>
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8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Observe any occupational exposure limits for the product or ingredients. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof electrical, ventilating and lighting equipment. Ensure operatives are trained to minimise exposure. Refer to protective measures listed in sections 7 and 8.

Personal protection

Wear protective work clothing.

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Eye/face protection	Wear chemical splash goggles. Personal protective equipment that provides appropriate eye and face protection should be worn.
Hand protection	To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. It is recommended that gloves are made of the following material: Butyl rubber. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.
Other skin and body protection	Provide eyewash station. Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.
Hygiene measures	Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. For short term use an AX filter is recommended.
Thermal hazards	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Environmental exposure controls	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Amber.
Odour	Ether.
Odour threshold	Data lacking.
pH	pH (concentrated solution): 7
Melting point	Data lacking.
Initial boiling point and range	Liquefied petroleum gases: -40 to -2°C Dimethyl ether: -25°C Dimethoxymethane: 42°C
Flash point	No information required. A flash point method is not available but the major hazardous component, the liquefied petroleum gases, has a flash point of <-60°C with flammability limits of 10.9% vol. upper and 1.4% vol. lower.
Evaporation rate	Data lacking.
Evaporation factor	Not available.
Flammability (solid, gas)	No information required.
Upper/lower flammability or explosive limits	No information required.

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Vapour pressure	2 - 5 bar @ 20°C
Vapour density	Not available.
Relative density	Liquid base: ~ 0.88 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Liquefied petroleum gases: 365°C Dimethyl ether: 226°C
Decomposition Temperature	Not available.
Viscosity	Liquid base: 50 - 250 mm ² /s @ 20°C
Explosive properties	In use may form flammable/explosive vapour-air mixture.
Explosive under the influence of a flame	Yes
Oxidising properties	Does not meet the criteria for classification as oxidising.
<u>9.2. Other information</u>	
Particle size	No information required.
Volatile organic compound	84%

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Highly volatile.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions In use may form flammable/explosive vapour-air mixture.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Avoid the accumulation of vapours in low or confined areas.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Summary Based on available data the classification criteria are not met.

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Acute toxicity - dermal

Summary Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary Based on available data the classification criteria are not met.

Skin corrosion/irritation

Summary Based on available data the classification criteria are not met.

Serious eye damage/irritation

Summary Based on available data the classification criteria are not met.

Respiratory sensitisation

Summary Based on available data the classification criteria are not met.

Skin sensitisation

Summary Based on available data the classification criteria are not met.

Germ cell mutagenicity

Summary Based on available data the classification criteria are not met.

Carcinogenicity

Summary Based on available data the classification criteria are not met.

Reproductive toxicity

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Summary Based on available data the classification criteria are not met.

Aspiration hazard

Summary Based on available data the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties There are no adverse health effects caused by endocrine disrupting properties.

11.2.2. Other information No information available.

Toxicological information on ingredients.

DIMETHOXYMETHANE

Toxicological effects The toxicity of this substance has been assessed during REACH registration.

Acute toxicity - oral

Notes (oral LD₅₀) 6423.0 , Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) 5000.0 , Dermal, Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

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Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Inhalation Irritating to respiratory system. Vapours may cause drowsiness and dizziness.

Ingestion Gastrointestinal symptoms, including upset stomach.

Skin contact Irritating to skin. Repeated exposure may cause skin dryness or cracking.

Eye contact The liquid may be irritating to eyes, respiratory system and skin.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD₅₀) Not applicable.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not applicable.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >20 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

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Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
<u>Carcinogenicity</u>	
Carcinogenicity	Carcinogenicity in humans is not expected.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Does not contain any substances known to be toxic to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	A single exposure may cause the following adverse effects: Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
<u>Aspiration hazard</u>	
Aspiration hazard	Based on available data the classification criteria are not met.
Inhalation	May cause respiratory system irritation.
Skin contact	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Route of exposure	Inhalation Skin and/or eye contact
<u>DIMETHYL ETHER</u>	
<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	Not applicable.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	Not applicable.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	164000 ppm, Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Based on available data the classification criteria are not met.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Based on available data the classification criteria are not met.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	

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Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Skin contact</u>	
Skin contact	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Medical symptoms	Symptoms following overexposure may include the following: Arrhythmia (deviation from normal heart beat).

SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Ecotoxicity Information given is based on data of the components and of similar products.

12.1. Toxicity

Ecological information on ingredients.

DIMETHOXYMETHANE

Toxicity Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 6,410 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1200 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: >10000 mg/l, Scenedesmus subspicatus

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Toxicity Not regarded as dangerous for the environment. The product is not believed to present a hazard due to its physical nature. Highly volatile.

DIMETHYL ETHER

Acute aquatic toxicity

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Acute toxicity - fish LC₅₀, 96 hours: >4000 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >4000 mg/l, Daphnia magna
LC₅₀, 48 hours: 755,549 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability Biodegradable in part only.

Ecological information on ingredients.

DIMETHOXYMETHANE

Persistence and degradability The product is readily biodegradable.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Persistence and degradability The product is readily biodegradable.

DIMETHYL ETHER

Persistence and degradability Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not applicable.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Bioaccumulative potential Bioaccumulation is unlikely.

DIMETHYL ETHER

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product contains organic solvents which will evaporate easily from all surfaces.

Ecological information on ingredients.

DIMETHOXYMETHANE

Mobility The product is soluble in water.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

DIMETHYL ETHER

Mobility Koc: 7,759

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

DIMETHOXYMETHANE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

DIMETHYL ETHER

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

12.6. Endocrine disrupting properties There are no adverse effects on the environment caused by endocrine disrupting properties.

12.7. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Ensure containers are empty before discarding (explosion risk). Dispose of contents/container in accordance with local regulations.

Disposal methods Do not puncture or incinerate, even when empty. Avoid the spillage or runoff entering drains, sewers or watercourses. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Waste class Full or Partially Empty Canister: 16 05 04. Empty Canister: 15 01 10 (Containing hazardous residue), Empty Canister: 15 01 04 (No hazardous residues),

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3501
UN No. (IMDG)	3501
UN No. (ICAO)	3501
UN No. (ADN)	3501

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (PETROLEUM GASES, LIQUEFIED; DIMETHOXYMETHANE)
Proper shipping name (IMDG)	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (PETROLEUM GASES, LIQUEFIED; DIMETHOXYMETHANE)
Proper shipping name (ICAO)	CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (PETROLEUM GASES, LIQUEFIED; DIMETHOXYMETHANE)

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Proper shipping name (ADN) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (PETROLEUM GASES, LIQUEFIED; DIMETHOXYMETHANE)

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	8F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

IMDG Code segregation group	SW2
EmS	F-D, S-U
ADR transport category	2
Emergency Action Code	2YE
Hazard Identification Number (ADR/RID)	23
Tunnel restriction code	(B/D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). Health and Safety at Work etc. Act 1974 (as amended).
Guidance	Approved Classification and Labelling Guide (Sixth edition) L131. Workplace Exposure Limits EH40.
Authorisations (SI 2020 No. 1577 Annex XIV)	No specific authorisations are known for this product.

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Restrictions (SI 2020 No. 1577 Annex XVII) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Classification procedures according to SI 2019 No. 720	Flam. Gas 1 - H220, Press. Gas (Liq.) - H280: Weight of evidence.
Issued by	Technical Department
Revision date	25/09/2023
Revision	3.2
Supersedes date	04/04/2022
SDS number	23834
Hazard statements in full	H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H280 Contains gas under pressure; may explode if heated.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.