

# SAFETY DATA SHEET

# Tuskbond ONE GOLD Aerosol

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

SECTION 1: Identification of the	ne substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Tuskbond ONE GOLD Aerosol
Container size	500ml
UFI	UFI: 75DS-J1VE-W00K-GJGY
EU REACH registration notes	All chemicals used in this product have been registered under REACH where required.
1.2. Relevant identified uses of	f 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 t	he safety data sheet
Supplier	Tuskbond Shelley Close Lowmoor Business Park Kirkby in Ashfield NG17 7JZ Tel: 01623 722661 (Mon-Fri 09:00-17:00) Fax: 01623 885971 Email: SDS@sanglier.org.uk
1.4. Emergency telephone nur	nber
Emergency telephone	UK +44 (0) 1623 722661 (Mon-Fri 09:00-17:00)
National emergency telephone number	IN AN EMERGENCY DIAL 999 / 112 For non-emergencies, call NHS 111 (24/7) or a doctor
SECTION 2: Hazards identific	ation
2.1. Classification of the subst	ance or mixture
Classification (SI 2019 No. 72	<u>0)</u>
Physical hazards	Aerosol 1 - H222, H229
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336
Environmental hazards	Not Classified
2.2. Label elements	
Hazard pictograms	
Signal word	Danger

Hazard statements	<ul> <li>H222 Extremely flammable aerosol.</li> <li>H229 Pressurised container: may burst if heated.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H351 Suspected of causing cancer.</li> <li>H336 May cause drowsiness or dizziness.</li> </ul>
Precautionary statements	<ul> <li>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P211 Do not spray on an open flame or other ignition source.</li> <li>P251 Do not pierce or burn, even after use.</li> <li>P261 Avoid breathing spray.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</li> <li>P312 Call a POISON CENTRE/doctor if you feel unwell.</li> <li>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</li> </ul>
Supplemental label information	Please refer to Safety Data Sheet. Use only as directed.
Contains	DICHLOROMETHANE
Supplementary precautionary statements	<ul> <li>P202 Do not handle until all safety precautions have been read and understood.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>

### 2.3. Other hazards

Dichloromethane is converted to carbon monoxide in the body, which reduces the oxygen carrying capacity of the blood. In use may form flammable/explosive vapour-air mixture. This product does not contain any substances classified as PBT or vPvB.

# SECTION 3: Composition/information on ingredients

3.2. Mixtures		
DICHLOROMETHANE		30-60%
CAS number: 75-09-2	EC number: 200-838-9	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319		
Carc. 2 - H351 STOT SE 3 - H336		

PETROLEUM GASES, LIQUE	PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS 30-60%		
(<0.1% 1,3 BUTADIENE)			
CAS number: 68476-85-7	EC number: 270-704-2		
Classification			
Flam. Gas 1A - H220			
Press. Gas (Liq.) - H280			
The full text for all hazard state	ments 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.		
Ingredient notes	Where required, the acute toxicity estimate (ATE) for any substance is listed in Section 11.		
SECTION 4: First aid measures	8		
4.1. Description of first aid mea	isures		
General information	Move affected person to fresh air at once.		
Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.		
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting.		
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Use hand wash which is specific to the removal of adhesive. Do not use solvents to clean skin.		
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. If adhesive bonding occurs, do not force eyelids apart.		
Protection of first aiders	No specific requirements are anticipated under normal conditions of use.		
4.2. Most important symptoms	and effects, both acute and delayed		
General information	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.		
Inhalation	Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.		
Ingestion	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.		
Skin contact	Prolonged contact may cause redness, irritation and dry skin. Contains components which may penetrate the skin. Product has a defatting effect on skin.		
Eye contact	Irritation of eyes and mucous membranes.		
4.3. Indication of any immediate	e medical attention and special treatment needed		
Specific treatments	If adhesive bonding occurs, do not force eyelids apart.		
SECTION 5: Firefighting measu	ures		
5.1. Extinguishing media			
Suitable extinguishing media	Water spray, fog or mist. Carbon dioxide (CO2). Alcohol-resistant foam.		
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.		

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. 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	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours. Phosgene (COCI2). Hydrogen chloride (HCI).
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.
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. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. If ventilation is inadequate, suitable respiratory protection must be worn. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Bursting aerosol containers may be propelled from a fire at high speed.	
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. Bursting aerosol containers may be propelled from a fire at high speed.	
6.2. Environmental precautions		
Environmental precautions	Contain the spillage using bunding. Contain spillage with sand, earth or other suitable non- combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.	
6.3. Methods and material for c	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. Contain spillage with sand, earth or other suitable non-combustible material. 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 section	<u>s</u>	
Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.	
SECTION 7: Handling and storage		
7.1. Precautions for safe handle	ing	
Usage precautions	Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Do not use in confined spaces without adequate ventilation and/or	

respirator. Wear protective clothing as described in Section 8 of this safety data sheet. 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	ge, including any incompatibilities
Storage precautions	Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not use containers made of the following materials: Aluminium. Store at temperatures not exceeding 50°C.
Storage class	Extremely Flammable Aerosol
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure controls/Personal protection	
8.1. Control parameters	

# Occupational exposure limits DICHLOROMETHANE

Supplier recommendation: 8 ppm

Long-term exposure limit (8-hour TWA): WEL 100 ppm 353 mg/m³ Short-term exposure limit (15-minute): WEL 200 ppm 706 mg/m³ Sk

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

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup> WEL = Workplace Exposure Limit. Sk = Can be absorbed through the skin.

### DICHLOROMETHANE (CAS: 75-09-2)

Biological limit values	BGV: 30 ppm (GB)
DNEL	Consumer - Oral; Long term systemic effects: 0.06 mg/kg/day Workers - Dermal; Long term systemic effects: 12 mg/kg/day Consumer - Dermal; Long term systemic effects: 5.82 mg/kg/day Workers - Inhalation; Short term systemic effects: 706 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 353 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 353 mg/m <sup>3</sup>
PNEC	<ul> <li>Fresh water; 0.31 mg/l</li> <li>marine water; 0.031 mg/l</li> <li>Intermittent release; 0.27 mg/l</li> <li>Sediment (Freshwater); 2.57 mg/kg</li> <li>Sediment (Marinewater); 0.26 mg/l</li> <li>Soil; 0.33 mg/kg</li> <li>STP; 26 mg/l</li> </ul>

8.2. Exposure controls

### Protective equipment





Hygiene measures	Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. 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. When using do not
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Odour	Chlorinated hydrocarbons.
Odour threshold	Data lacking.
рН	Liquid base: pH (concentrated solution): 7
Melting point	Not applicable.

Initial boiling point and range	Liquefied petroleum gases: -40 to -2°C Dichloromethane: 40°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.
Vapour pressure	4 - 6 bar @ 20°C
Vapour density	Not available.
Relative density	Liquid base: ~ 1.2 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	365°C
Decomposition Temperature	Not available.
Viscosity	Liquid base: 500 - 1100 mm²/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.
9.2. Other information	
Particle size	No information required.
Volatile organic compound	This product contains a maximum VOC content of 602 g/l.
SECTION 10: Stability and rea	ctivity
10.1. Reactivity	
Reactivity	There are no known reactivity hazards associated with this product.
10.2. Chemical stability	
Stability	Highly volatile.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	Will not polymerise. In use may form flammable/explosive vapour-air mixture. Under normal conditions of storage and use, no hazardous reactions will occur.
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	

10.5. Incompatible materials

Materials to avoid Aluminium. Strong oxidising agents. Strong acids. Water, moisture.

### 10.6. Hazardous decomposition products

Hazardous decompositionToxic gases/vapours/fumes of: Hydrogen chloride (HCl). Phosgene (COCl2). Carbonproductsmonoxide (CO).

### SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity - oral Summary	Based on available data the classification criteria are not met.
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	Causes skin irritation.
Serious eye damage/irritation Summary	Causes serious eye irritation.
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	Suspected of causing cancer.
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.
Reproductive toxicity Summary	Based on available data the classification criteria are not met.
Specific target organ toxicity -	single exposure
Summary	May cause drowsiness or dizziness. Dichloromethane is converted to carbon monoxide in the body, which reduces the oxygen carrying capacity of the blood.
Target organs	Central nervous system
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.
Route of exposure	Inhalation
11.2. Information on other hazards	

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

**11.2.2. Other information** No information available.

### Toxicological information on ingredients.

### DICHLOROMETHANE

Acute toxicity - oral		
Summary	May cause damage to organs (Central nervous system, Liver, Bone marrow, Blood) if swallowed.	
Acute toxicity oral (LD₅₀ mg/kg)	2,000.0	
Species	Rat	
Acute toxicity - dermal		
Acute toxicity dermal (LD₅ mg/kg)	2,000.0	
Species	Rat	
Acute toxicity - inhalation		
Summary	Dichloromethane is converted to carbon monoxide in the body, which reduces the oxygen carrying capacity of the blood.	
Acute toxicity inhalation (LC∞ vapours mg/l)	86.0	
Species	Mouse	
ATE inhalation (vapours mg/l)	86.0	
Skin corrosion/irritation		
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritati	on	
Serious eye damage/irritation	Causes serious eye irritation.	
Carcinogenicity		
Carcinogenicity	Suspected of causing cancer.	
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.	
Specific target organ toxicit	y - single exposure	
STOT - single exposure	May cause drowsiness or dizziness.	
Target organs	Central nervous system	
Inhalation	Overexposure may depress the central nervous system, causing dizziness and intoxication. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.	

### 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 LD <sub>50</sub> )	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	on
	Serious eye damage/irritation	Not irritating.
	Respiratory sensitisation	
	Respiratory sensitisation	Not sensitising.
	Skin sensitisation	
	Skin sensitisation	Not sensitising.
	Germ cell mutagenicity	
	Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
	Carcinogenicity	
	Carcinogenicity	Carcinogenicity in humans is not expected.
	Reproductive toxicity	
	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.
	Specific target organ toxicit	y - single exposure
	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.
	Specific target organ toxicit	y - repeated exposure
	STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
	Aspiration hazard	
	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
SECTION 1	2: Ecological information	

Ecological information on ingredients: DCHLOROMETHANE Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. Ecotoxicity Information given is based on data of the components and of similar products. 12.1.Toxicity Toxicity Not regarded as dangerous for the environment. Not considered toxic to fish. Ecotoxicity Not regarded as dangerous for the environment. Not considered toxic to fish. Ecotoxicity Not regarded as dangerous for the environment. Not considered toxic to fish. Ecotoxicity Not regarded as dangerous for the environment Not considered toxic to fish. Acute axiet: VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Ecotoxicity       The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.         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       Not regarded as dangerous for the environment. Not considered toxic to fish.         Ecological information on ingredients.       DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute toxicity - fish       LC∞, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow) Coute toxicity - aquatic         LC∞, 96 hours: 27 mg/l, Daphnia magna         invertebrates       LC∞, 96 hours: >662 mg/l, Selenastrum capricornutum plants         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.         122. Persistence and degradability       Three are no data on the degradability of this product.     <
However, large or frequent spills may have hazardous effects on the environment.         ECOLUCION 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       Not regarded as dangerous for the environment. Not considered toxic to fish.         Ecological information on ingredients.       DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute toxicity - fish       LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic invertebrates       ECso, 96 hours: 244 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECso, 96 hours: 262 mg/l, Selenastrum capricornutum plants         ETROLEUM 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.         12.2. Persistence and degradability       The environment. The product is not believed to present a hazard due to its physical nature. Highly volatile.
Ecotoxicity       Information given is based on data of the components and of similar products.         12.1. Toxicity       Not regarded as dangerous for the environment. Not considered toxic to fish.         Ecological information on ingredients.       DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute toxicity - fish       LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Diphnia magna         Acute toxicity - aquatic       LCso, 96 hours: 244 mg/l, Daphnia magna         invertebrates       LCso, 96 hours: 27 mg/l, Daphnia magna         ECTROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)
12.1. Toxicity       Not regarded as dangerous for the environment. Not considered toxic to fish.         Ecological information on ingredients.       DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Acute toxicity - fish       LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 27 mg/l, Daphnia magna         Acute toxicity - aquatic       LCso, 96 hours: 244 mg/l, Daphnia magna         Invertebrates       LCso, 96 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic       ECso, 96 hours: >662 mg/l, Selenastrum capricornutum plants         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
Toxicity       Not regarded as dangerous for the environment. Not considered toxic to fish.         Ecological information on ingredients.       DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       LC*0, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       LC*0, 96 hours: 244 mg/l, Daphnia magna         invertebrates       LC*0, 96 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic       EC*0, 96 hours: >662 mg/l, Selenastrum capricornutum         plants       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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
Ecological information on ingredients.         DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Acute toxicity - fish         LC=0, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       LC=0, 96 hours: 244 mg/l, Daphnia magna LC=0, 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       EC=0, 96 hours: >662 mg/l, Selenastrum capricornutum plants         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
DICHLOROMETHANE         Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       Acute toxicity - fish         LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic       LCso, 96 hours: 244 mg/l, Daphnia magna         invertebrates       LCso, 96 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic       ECso, 96 hours: >662 mg/l, Selenastrum capricornutum         plants       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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
Toxicity       Not regarded as dangerous for the environment Not considered toxic to fish.         Acute aquatic toxicity       LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       LCso, 96 hours: 244 mg/l, Daphnia magna LCso, 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       ECso, 96 hours: >662 mg/l, Selenastrum capricornutum plants         PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)
Acute aquatic toxicity         Acute toxicity - fish       LC <sub>50</sub> , 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       LC <sub>50</sub> , 96 hours: 244 mg/l, Daphnia magna LC <sub>50</sub> , 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: >662 mg/l, Selenastrum capricornutum plants         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
Acute toxicity - fish       LCso, 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow) NOEC, 28 days: 83 mg/l, Pimephales promelas (Fat-head Minnow)         Acute toxicity - aquatic invertebrates       LCso, 96 hours: 244 mg/l, Daphnia magna LCso, 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       ECso, 96 hours: >662 mg/l, Selenastrum capricornutum plants         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
Acute toxicity - aquatic invertebrates       LC <sub>50</sub> , 96 hours: 244 mg/l, Daphnia magna LC <sub>50</sub> , 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: >662 mg/l, Selenastrum capricornutum         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
invertebrates       LC <sub>50</sub> , 48 hours: 27 mg/l, Daphnia magna         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: >662 mg/l, Selenastrum capricornutum         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.         12.2. Persistence and degradability       There are no data on the degradability of this product.
plants       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.         12.2. Persistence and degradability         Persistence and degradability         There are no data on the degradability of this product.
present a hazard due to its physical nature. Highly volatile. <b>12.2. Persistence and degradability</b> <b>Persistence and degradability</b> There are no data on the degradability of this product.
<b>Persistence and degradability</b> There are no data on the degradability of this product.
Ecological information on ingredients
Ecological mornation on ingredients.
DICHLOROMETHANE
Persistence andThe substance is readily biodegradable.degradability
Biodegradation Air - Degradation 68%: 28 days
PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS (<0.1% 1,3 BUTADIENE)
Persistence and The product is readily biodegradable. degradability
12.3. Bioaccumulative potential
Bioaccumulative potential Dichloromethane: Dichloromethane has low bioaccumulative potential
Partition coefficient Not applicable.

#### Ecological information on ingredients.

### DICHLOROMETHANE

Bioaccumulative potential BCF: 2 - 40, Fish

Partition coefficient log Pow: 1.25

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

Bioaccumulative potential Bioaccumulation is unlikely.

#### 12.4. Mobility in soil

Mobility Volatile.

Ecological information on ingredients.

#### DICHLOROMETHANE

Mobility Volatile.

Adsorption/desorption Soil Koc: ~46.8 coefficient

#### 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.

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB Not determined. assessment

Ecological information on ingredients.

#### DICHLOROMETHANE

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

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

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

### 12.6. Other adverse effects

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

**12.7. Other adverse effects** None known.

Ecological information on ingredients.

#### DICHLOROMETHANE

Other adverse effects None known.

SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information	Ensure containers are empty before discarding (explosion risk). Must not be disposed of together with household waste.
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 Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues), Empty Aerosol: 15 01 04 (No hazardous residues).

# SECTION 14: Transport information

14.1. UN number		
UN No. (ADR/RID)	1950	
UN No. (IMDG)	1950	
UN No. (ICAO)	1950	
UN No. (ADN)	1950	
14.2. UN proper shipping name		
Proper shipping name (ADR/RID)	AEROSOLS	
Proper shipping name (IMDG)	AEROSOLS	
Proper shipping name (ICAO)	AEROSOLS	
Proper shipping name (ADN)	AEROSOLS	
14.3. Transport hazard class(es)		
ADR/RID class	2.1	
ADR/RID classification code	5F	
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 available.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

IMDG Code segregation SG69, SW1, SW22 group

EmS	F-D, S-U	
ADR transport category	2	
Tunnel restriction code	(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.	
SECTION 15: Regulatory information		
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
National regulations	The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). Control of Substances Hazardous to Health Regulations 2002 (as amended).	
Guidance	Workplace Exposure Limits EH40.	
Authorisations (SI 2020 No.	No specific authorisations are known for this product.	
1577 Annex XIV)		
1577 Annex XIV) 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	Aerosol 1 - H222, H229: Weight of evidence. Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H336, Carc. 2 - H351: Calculation method.
Issued by	Technical Department
Revision date	04/07/2023
Revision	9.1
Supersedes date	10/05/2021
SDS number	24125
Hazard statements in full	<ul> <li>H220 Extremely flammable gas.</li> <li>H222 Extremely flammable aerosol.</li> <li>H229 Pressurised container: may burst if heated.</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H315 Causes skin irritation.</li> <li>H319 Causes serious eye irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H351 Suspected of causing cancer.</li> </ul>

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.