

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 7-12-2015 Revision date: 17-12-2020 Supersedes: 7-12-2015 Version: 1.1

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

### 1.1. Product identifier

Product form Product name	: Mixture : Eurol Chain Lube Spray Road & Racing 400ML
UFI	: X4SY-TVX7-440V-XV1H
Product code	: E701311
Vaporizer	: Aerosol
Product group	: Trade product

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

#### 1.2.1. Relevant identified uses

Intended for general public Main use category

: Industrial use, professional use, Consumer use

### 1.2.2. Uses advised against

No additional information available

### **1.3. Details of the supplier of the safety data sheet**

Eurol bv. Energiestraat 12 P.O. Box P.O. Box 135 7442 DA Nijverdal - The Netherlands T +31 548 615165 reach@eurol.com - www.eurol.com

#### 1.4. Emergency telephone number

#### Emergency number

: +31 79 3467 808 EVOFENEDEX

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

# **SECTION 2: Hazards identification**

2.1.	Classification	of t	he	substance	or	mixture

Classification	according to	<b>Regulation</b> (	(EC) No.	1272/2008	

Aerosol, Category 1	H222;H229
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 1	H372
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Full text of H statements : see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)

Hazard pictograms (CLP)	
	GHS02 GHS07 GHS08 GHS09
CLP Signal word	: Danger
Contains	: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%); Hydrocarbons,
	C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (< 2%)
Hazard statements (CLP)	: H222 - Extremely flammable aerosol.
	H229 - Pressurised container: May burst if heated.
	H336 - May cause drowsiness or dizziness.
	H372 - Causes damage to organs through prolonged or repeated exposure.
Dracoutionany statements (CLD)	H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	<ul> <li>P101 - If medical advice is needed, have product container or label at hand.</li> <li>P102 - Keep out of reach of children.</li> </ul>
	P102 - Keep out of reach of children. 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.
	P271 - Use only outdoors or in a well-ventilated area.
EUH-statements	: EUH208 - Contains Long-chain alkyl amine. May produce an allergic reaction.
Child-resistant fastening	: Applicable
Tactile warning	: Applicable
2.3. Other hazards	
Other hazards not contributing to the classification	: This product floats on water and may affect the oxygen-balance in the water. Flammable or explosive vapour/air mixtures may be formed.

### **SECTION 3: Composition/information on ingredients**

### 3.1. Substances

#### Not applicable

17-12-2020 (Version: 1.1)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	(EC-No.) 919-446-0 (REACH-no) 01-2119458049-33	25 – 35	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
butane (containing ≥ 0,1% butadiene (203-450-8))	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-01-8	25 – 35	Flam. Gas 1A, H220 Press. Gas Carc. 1A, H350 Muta. 1B, H340
propane substance with national workplace exposure limit(s) (IE)	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5	10 – 25	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Sulfonic acids, petroleum, sodium salts	(CAS-No.) 68608-26-4 (EC-No.) 271-781-5 (REACH-no) 01-2119527859-22	3 – 5	Eye Irrit. 2, H319
Long-chain alkyl amine	(CAS-No.) 68955-53-3 (EC-No.) 273-279-1 (REACH-no) 01-2119456798-18	0,1 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1B, H314 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H-statements: see section 16

#### **SECTION 4: First aid measures** 4.1. Description of first aid measures First-aid measures general : Seek medical attention if ill effect develops. First-aid measures after inhalation : Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest. First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if ill effect or irritation develops. First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain, blinking, tears or redness persist. First-aid measures after ingestion Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep : head below the hips to prevent aspiration. Do not induce vomiting. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/effects after inhalation Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision Symptoms/effects after skin contact : Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis. Causes skin irritation. Red skin. : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs. Symptoms/effects after eye contact Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger Symptoms/effects after ingestion quantities may cause nausea and diarrhoea. Symptoms/effects upon intravenous administration : Unknown.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Treat symptomatically.

SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media Unsuitable extinguishing media	<ul> <li>carbon dioxide (CO2), dry chemical powder, foam. Water fog.</li> <li>Do not use a heavy water stream. Use of heavy stream of water may spread fire.</li> </ul>			
5.2. Special hazards arising from the subs	stance or mixture			
Fire hazard Explosion hazard	<ul><li>Combustion generates: CO, CO2.</li><li>Aerosol tins involved in fire may rupture and become projectiles.</li></ul>			
5.3. Advice for firefighters				
Precautionary measures fire Firefighting instructions Protection during firefighting Other information	<ul> <li>Do not enter fire area without proper protective equipment, including respiratory protection.</li> <li>Use water spray or fog for cooling exposed containers.</li> <li>Use self-contained breathing apparatus and chemically protective clothing.</li> <li>Prevent fire fighting water from entering the environment. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.</li> </ul>			

SECTION 6: Accidental release r	neasures
6.1. Personal precautions, protective	e equipment and emergency procedures
General measures	Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and public waters. Eliminate every possible source of ignition. Keep out of reach of children. Ensure adequate ventilation, especially in confined areas.
6.1.1. For non-emergency personnel	
Protective equipment	: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Use protective clothing.
Emergency procedures	: Consider evacuation.
6.1.2. For emergency responders	
Protective equipment	: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required.
Emergency procedures	: No specific measures are necessary.
6.2 Environmental procautions	

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for con	tainment and cleaning up
For containment	: Large quantities: Contain large spillage with sand or earth. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
Methods for cleaning up	: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Take up large spills with pump or vacuum and finish with dry chemical absorbent.
Other information	: Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from surface and pour out in disposal container.

6.4. Reference to other sections

For further information refer to section 13.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Precautions for safe handling	: May be dangerously slippery if spilled. Where contact with eyes or skin is likely, wear suitable protection. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Protect material from direct sunlight. Do not eat, drink or smoke during use. Use appropriate ventilation. Take precautionary measures against static discharge. Keep out of reach of children. Keep away from sources of ignition - No smoking.
Handling temperature	: <45 °C
Hygiene measures	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse. Avoid repeated or prolonged skin contact. Remove all contaminated clothing and footwear.
7.2. Conditions for safe storage, incl	luding any incompatibilities
Technical measures	: Keep container tightly closed and in well ventilated place.
Storage conditions	: Do not expose ot temperatures exceeding 50°C/ 122°F.
Incompatible products	: Reacts vigorously with strong oxidizers and acids.
Maximum storage period	: 3 year
Storage temperature	: ≤ 50 °C
Information on mixed storage	: Keep away from : oxidizing materials. Strong acids.
Storage area	<ul> <li>Store at ambient temperature. Keep out of direct sunlight. Keep container in a well- ventilated place.</li> </ul>
Special rules on packaging	: Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

# 7.3. Specific end use(s)

Aerosol can.

# SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

butane (containing ≥ 0,1% butadiene (203-450-8)) (106-97-8)	
Ireland - Occupational Exposure Limits	
Local name	Butane
OEL (8 hours ref) (ppm)	1000 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Butane
WEL TWA (mg/m³)	1450 mg/m³
WEL TWA (ppm)	600 ppm
WEL STEL (mg/m³)	1810 mg/m³
WEL STEL (OEL STEL) [ppm]	750 ppm
Remark (WEL)	Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49– 51), (only applies if Butane contains more than 0.1% of buta-1,3-diene)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

propane (74-98-6)	
Ireland - Occupational Exposure Limits	
Local name	Propane
OEL (8 hours ref) (ppm)	1000 ppm
Notes (IE)	Asphx
8.2 Exposure controls	

Appropriate engineering controls: Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment:

Gloves. High gas/vapour concentration: gas mask with filter type A. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Protective goggles.

#### Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

#### Hand protection:

protective gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

#### Eye protection:

Safety glasses

#### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

#### **Respiratory protection:**

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

#### Personal protective equipment symbol(s):



#### **Environmental exposure controls:** See Heading 12. See Heading 6.

Consumer exposure controls:

PVC gloves. Neoprene or nitrile rubber gloves.

#### Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and ch	nemical properties
Physical state	: Gas
Appearance	: Oily. liquid.
Colour	: Green.
Odour	: characteristic.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: 0,2
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Aerosol
Flash point	: Aerosol
Auto-ignition temperature	: No data available

0 1	
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable aerosol
Vapour Pressure 20°C	: 8530 hPa
Relative vapour density at 20 °C	: > 1 (air=1)
Relative density	: No data available
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions of use.

**10.2. Chemical stability** 

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

**10.4. Conditions to avoid** 

Overheating. Direct sunlight. Keep away from sources of ignition - No smoking.

10.5. Incompatible materials

Strong oxidizing agents. Strong acids.

**10.6. Hazardous decomposition products** 

CO, CO2.

# SECTION 11: Toxicological information

# **11.1. Information on toxicological effects**

Acute toxicity (oral) Acute toxicity (dermal)

- : Not classified
- : Not classified

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Acute toxicity (inhalation)

: Not classified

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	3400 mg/m <sup>3</sup>
LC50 Inhalation - Rat (Vapours)	13,1 mg/l/4h

Long-chain alkyl amine (68955-53-3)	
LD50 oral rat	612 mg/kg
LD50 dermal rat	251 ml/kg
LC50 Inhalation - Rat (Vapours)	1,19 mg/l/4h

Skin corrosion/irritation Additional information Serious eye damage/irritation Additional information	<ul> <li>Not classified</li> <li>Based on available data, the classification criteria are not met</li> <li>Not classified</li> <li>Based on available data, the classification criteria are not met</li> </ul>
Respiratory or skin sensitisation	: Not classified
Additional information Germ cell mutagenicity	: Based on available data, the classification criteria are not met : Not classified
Additional information Carcinogenicity	: Based on available data, the classification criteria are not met : Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity Additional information	: Not classified : Based on available data, the classification criteria are not met
STOT-single exposure Additional information	<ul><li>May cause drowsiness or dizziness.</li><li>Based on available data, the classification criteria are not met</li></ul>
STOT-repeated exposure Additional information	<ul><li>Causes damage to organs through prolonged or repeated exposure.</li><li>Based on available data, the classification criteria are not met</li></ul>
Aspiration hazard Additional information	: Not classified : Based on available data, the classification criteria are not met

Eurol Chain Lube Spray Road & Racing 400ML		
Vaporizer		Aerosol
Potential adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met.
Other information		Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products. Likely route of exposure: ingestion, skin and eye.

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.
Ecology - water Hazardous to the aquatic environment, short-term	<ul> <li>This product floats on water and may affect the oxygen-balance in the water.</li> <li>Not classified</li> </ul>
(acute)	
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
LC50 fish 1	10 – 30 mg/l (96h, Oncorhynchus mykiss)
EC50 Daphnia 1	10 – 22 mg/l (48h; Daphnia magna)
EC50 other aquatic organisms 1	4,6 – 10 mg/l (74h; Algae, Pseudokirchneriella subcapitata)

Long-chain alkyl amine (68955-53-3)	
LC50 fish 1	0,11 mg/l
EC50 Daphnia 1	0,011 mg/l
EC50 72h algae (1)	0,03 mg/l

# 12.2. Persistence and degradability

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
Persistence and degradability	Product is biodegradable.
Biodegradation	74,7 % (OECD 301F method)

12.3. Bioaccumulative potential

Eurol Chain Lube Spray Road & Racing 400ML	
Bioaccumulative potential This product is not expected to bioaccumulate through food chains in the environment	

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Log Pow	> 3	
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.	

# 12.4. Mobility in soil

Eurol Chain Lube Spray Road & Racing 400ML		
Ecology - soil Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance water.		

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination.	

# 12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information

: Avoid release to the environment.

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Regional legislation (waste)	: Disposal must be done according to official regulations.	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Do not discharge into drains or the environment.	
Additional information	: Hazardous waste.	

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Ecology - waste materials	: Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and
	promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point.
European List of Waste (LoW) code	: 16 05 04* - gases in pressure containers (including halons) containing dangerous substances

# **SECTION 14: Transport information**

ADR	IMDG	ΙΑΤΑ	ADN	RID			
14.1. UN number							
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950			
I4.2. UN proper shippin	g name		I	I			
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS			
ransport document descr	iption		1				
JN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1 ENVIRONMENTALLY HAZARDOUS			
4.3. Transport hazard o	lass(es)						
2.1	2.1	2.1	2.1	2.1			
4.4. Packing group	· · · · · · · · · · · · · · · · · · ·		1	I			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable			
14.5. Environmental hazards							
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes			
No supplementary information available							

# 14.6. Special precautions for user

### **Overland transport**

Classification code (UN)	:	5F
Special provisions (ADR)	:	190, 327, 344, 625
Limited quantities (ADR 2011)	:	11
Excepted quantities (ADR)	:	E0
Packing instructions (ADR)	:	P207, LP02
Special packing provisions (ADR)	:	PP87, RR6, L2
Mixed packing provisions (ADR)	:	MP9
Transport category (ADR)	:	2
Special provisions for carriage - Packages (ADR)	:	V14
Special provisions for carriage - Loading, unloading	:	CV9, CV12
and handling (ADR)		
Special provisions for carriage - Operation (ADR)	:	S2
Tunnel restriction code (ADR)	:	D

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Transport by sea		
Special provisions (IMDG)	:	63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	:	SP277
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P207, LP02
Special packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D
EmS-No. (Spillage)	:	S-U
Stowage category (IMDG)	:	None
Air transport		
PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
Special provisions (IATA)	:	A145, A167, A802
ERG code (IATA)	:	10L
Inland waterway transport		
Classification code (ADN)	:	5F
Special provisions (ADN)	:	19, 327, 344, 625
Limited quantities (ADN)	:	1 L
Excepted quantities (ADN)	:	E0
Equipment required (ADN)	:	PP, EX, A
Ventilation (ADN)	:	VE01, VE04
Number of blue cones/lights (ADN)	:	1
Rail transport		
Classification code (RID)	:	5F
Special provisions (RID)	:	190, 327, 344, 625
Limited quantities (RID)	:	1L
Excepted quantities (RID)	:	E0
Packing instructions (RID)	:	P207, LP02
Special packing provisions (RID)	:	PP87, RR6, L2
Mixed packing provisions (RID)	:	MP9
Transport category (RID)	:	2
Special provisions for carriage – Packages (RID)	:	W14
Special provisions for carriage - Loading, unloading	:	CW9, CW12
and handling (RID)		
Colis express (express parcels) (RID)	:	CE2
Hazard identification number (RID)	:	23

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

Not applicable

# SECTION 15: Regulatory information

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

# 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

### 15.1.2. National regulations

No additional information available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Indication of changes:				
Revision - See : *.				
Section	Changed item	Change	Comments	
	Supersedes	Added		
	Revision date	Added		
	Date of issue	Added		

#### Data sources

 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
 None.

Other information

Full text of H- and EUH-statements:				
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2			
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3			
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4			
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1			
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1			
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2			
Asp. Tox. 1	Aspiration hazard, Category 1			
Carc. 1A	Carcinogenicity, Category 1A			
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2			
Flam. Gas 1A	Flammable gases, Category 1A			
Flam. Liq. 3	Flammable liquids, Category 3			
Muta. 1B	Germ cell mutagenicity, Category 1B			
Press. Gas	Gases under pressure			
Press. Gas (Comp.)	Gases under pressure : Compressed gas			
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B			
Skin Sens. 1	Skin sensitisation, Category 1			
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis			
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation			
H220	Extremely flammable gas.			
H222	Extremely flammable aerosol.			
H226	Flammable liquid and vapour.			
H229	Pressurised container: May burst if heated.			
H280	Contains gas under pressure; may explode if heated.			
H302	Harmful if swallowed.			

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains Long-chain alkyl amine. May produce an allergic reaction.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.