



# SAFETY DATA SHEET

Version: 3.0

Revision Date: 30.09.2022

Print Date: 25/10/2022

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Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS\_HU

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

### 1.1 Product identifier

Product name : No data available

Product code : 887067

Unique Formula Identifier (UFI) : 6STA-KQPC-4T4U-86SU

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

Use of the substance/mixture : Cleaner.

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

Company : Ellis Enterprises B.V., an affiliate of Valvoline  
Wieldrechtseweg 39  
3316 BG Dordrecht  
Netherlands

Telephone : +31 (0)78 654 3500 (in the Netherlands), or contact your local  
CSR contact person

E-mail address : SDS@valvoline.com

### 1.4 Emergency telephone number

+1-800-VALVOLINE (+1-800-825-8654)

, or contact your local emergency telephone number at +36 80 201 199

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)



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Aerosols, Category 2

H229: Pressurised container: May burst if heated.  
H223: Flammable aerosol.

Aerosols, Category 1

H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated.

## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H229 Pressurised container: May burst if heated.  
H223 Flammable aerosol.

Precautionary statements : P102 Keep out of reach of children.  
P101 If medical advice is needed, have product container or label at hand.

#### Prevention:

P251 Do not pierce or burn, even after use.  
P211 Do not spray on an open flame or other ignition source.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe spray.

#### Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

#### Disposal:

P501 Dispose of contents/container in accordance with local and national regulations.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1-METHOXY-2-PROPANOL	107-98-2 203-539-1 603-064-00-3 01-2119457435-35- xxxx	Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system)	>= 5 - < 10
AMMONIUM HYDROXIDE ((NH <sub>4</sub> )(OH))	1336-21-6 215-647-6 007-001-01-2 05-2115545848-31- 0000, 05- 2114679329-32-0000, 05-2114645757-35- 0000, 05- 2114700768-44-0000, 05-2114684323-47- 0000, 05- 2114690835-34-0000, 05-2114646616-42- 0000, 05- 2114662747-35-0000, 05-2114726563-48- 0000, 05- 2114781086-43-0000, 05-2114692826-31- 0000, 05- 2114693527-34-0000, 05-2114671175-47- 0000, 05- 2114672653-42-0000, 05-2114693338-35- 0000, 05- 2114685544-38-0000,	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) Aquatic Acute 1; H400 Aquatic Chronic 2; H411  specific concentration limit STOT SE 3; H335 >= 5 %  Acute toxicity estimate  Acute oral toxicity: 350 mg/kg	>= 0,25 - < 0,5



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	05-2114677966-24-0000, 05-2114747016-52-0000, 05-2114685526-36-0000, 05-2114695937-23-0000, 05-2114785954-28-0000, 05-2114718955-37-0000, 05-2114781640-47-0000, 05-2114721638-44-0000, 05-2114767799-20-0000, 05-2114716646-44-0000, 05-2114690824-37-0000, 05-2114694328-35-0000, 05-2114696832-34-0000, 05-2114672138-44-0000		
Substances with a workplace exposure limit :			
BUTANE NORMAL	106-97-8 203-448-7 649-196-00-5 01-2119474691-32-XXXX	Flam. Gas 1; H220 Press. Gas Liquefied gas; H280	>= 2,5 - < 5

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.



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If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

Symptoms : No symptoms known or expected.

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

Treatment : No hazards which require special first aid measures.  
Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.



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Use a water spray to cool fully closed containers.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : Wash hands before breaks and at the end of workday.



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## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)

Specific use(s) : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
1-METHOXY-2-PROPANOL	107-98-2	TWA	100 ppm 375 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		STEL	150 ppm 568 mg/m3	2000/39/EC
	Further information: Identifies the possibility of significant uptake through the skin, Indicative			
		TWA	375 mg/m3	HU OEL
	Further information: Substances whose SHORT-term and LONG-term exposure causes damage to health. Corrected value = TWA x 8 / number of hours per day or Corrected value = TWA x 40 / number of hours per week. The more stringent (lower) value shall be used, Absorbed through the skin., Value disclosed in Directive 2000/39/EC			
BUTANE NORMAL	106-97-8	TWA	2.350 mg/m3	HU OEL
	Further information: Irritants, simple suffocation gases, substances with minor health effects. No correction is required.			



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## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Equipment should conform to EN 143

Filter type : Particulates type (P)

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : aerosol

Colour : colourless

Odour : aromatic

Odour Threshold : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : Not applicable

Flammability : No data available

Upper explosion limit / Upper flammability limit : 12 %(V)

Lower explosion limit / Lower : No data available





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flammability limit

Flash point : Not applicable

Ignition temperature : 270 °C

Decomposition temperature : No data available

pH : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Solubility(ies)

Water solubility : immiscible

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Vapour pressure : 8 hPa (20 °C)

Relative density : No data available

Density : 0,93 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

## 9.2 Other information

Oxidizing properties : No data available

Self-ignition : not auto-flammable

Evaporation rate : No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.



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## 10.2 Chemical stability

No decomposition if stored and applied as directed.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

## 10.4 Conditions to avoid

Conditions to avoid : Exposure to air or moisture over prolonged periods.

## 10.5 Incompatible materials

Materials to avoid : aluminum  
salts of strong bases  
Strong acids  
strong bases  
Strong oxidizing agents

## 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified based on available information.

Not classified based on available information.

#### Components:

##### 1-METHOXY-2-PROPANOL:

Acute oral toxicity	:	LD50 (Rat): 4.016 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 10000 ppm Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	LD50 (Rabbit): 13.000 mg/kg

##### AMMONIUM HYDROXIDE ((NH<sub>4</sub>)(OH)):

Acute oral toxicity	:	LD50 (Rat): 350 mg/kg
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Acute toxicity estimate: 350 mg/kg  
Method: Calculation method

## BUTANE NORMAL:

Acute inhalation toxicity : LC50 (Rat): > 50000 ppm  
Exposure time: 2 h  
Test atmosphere: gas

### Skin corrosion/irritation

Not classified based on available information.  
Not classified based on available information.

### Components:

#### 1-METHOXY-2-PROPANOL:

Assessment : No skin irritation  
Result : No skin irritation

#### AMMONIUM HYDROXIDE ((NH<sub>4</sub>)(OH)):

Result : Corrosive to skin

### Serious eye damage/eye irritation

Not classified based on available information.  
Not classified based on available information.

### Components:

#### 1-METHOXY-2-PROPANOL:

Assessment : Slight, transient irritation  
Result : Slight, transient irritation

#### AMMONIUM HYDROXIDE ((NH<sub>4</sub>)(OH)):

Result : Corrosive

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.



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## Respiratory sensitisation

Not classified based on available information.

### Components:

#### 1-METHOXY-2-PROPANOL:

Assessment : Did not cause sensitisation on laboratory animals.

## Germ cell mutagenicity

Not classified based on available information.

Not classified based on available information.

### Components:

#### 1-METHOXY-2-PROPANOL:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Result: negative

#### BUTANE NORMAL:

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative

## Carcinogenicity

Not classified based on available information.

Not classified based on available information.

## Reproductive toxicity

Not classified based on available information.

Not classified based on available information.

## STOT - single exposure

Not classified based on available information.

Not classified based on available information.

### Components:

#### 1-METHOXY-2-PROPANOL:

Assessment : May cause drowsiness or dizziness.

#### AMMONIUM HYDROXIDE ((NH<sub>4</sub>)(OH)):

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.



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## STOT - repeated exposure

Not classified based on available information.  
Not classified based on available information.

## Aspiration toxicity

Not classified based on available information.  
Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Further information

#### Product:

Remarks : No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : Acute aquatic toxicity Category 3; Harmful to aquatic life.

Chronic aquatic toxicity : Not classified based on available information.

#### Components:

#### 1-METHOXY-2-PROPANOL:

Toxicity to fish : LC50 (*Pimephales promelas* (fathead minnow)): > 100 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): > 100 mg/l  
Exposure time: 48 h



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Test Type: **static test**

Toxicity to algae/aquatic plants : **EC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l**  
End point: **Growth inhibition**  
Exposure time: **7 d**  
Test Type: **static test**

## Ecotoxicology Assessment

Acute aquatic toxicity : **Not classified based on available information.**

Chronic aquatic toxicity : **Not classified based on available information.**

## AMMONIUM HYDROXIDE ((NH<sub>4</sub>)(OH)):

Toxicity to fish : **LC50 (Pimephales promelas (fathead minnow)): 8,5 mg/l**  
Exposure time: **96 h**

## Ecotoxicology Assessment

Acute aquatic toxicity : **Acute aquatic toxicity Category 2; Toxic to aquatic life.**

Chronic aquatic toxicity : **Chronic aquatic toxicity Category 2; Toxic to aquatic life with long lasting effects.**

## BUTANE NORMAL:

Toxicity to fish : **Remarks: No toxicity at the limit of solubility**  
**QSAR**

Toxicity to daphnia and other aquatic invertebrates : **EC50 (Daphnia magna (Water flea)): Expected > 10 - < 100 mg/l**  
Exposure time: **48 h**  
Remarks: **QSAR**

Toxicity to algae/aquatic plants : **EC50 (green algae): Expected 7,7 mg/l**  
Exposure time: **96 h**  
Remarks: **QSAR**

## Ecotoxicology Assessment

Acute aquatic toxicity : **Acute aquatic toxicity Category 2; Toxic to aquatic life.**

Chronic aquatic toxicity : **Not classified based on available information.**



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## 12.2 Persistence and degradability

### Components:

#### 1-METHOXY-2-PROPANOL:

Biodegradability : Result: **Readily biodegradable.**  
Biodegradation: **96 %**  
Exposure time: **28 d**  
Method: **OECD Test Guideline 301E**

#### BUTANE NORMAL:

Biodegradability : Result: **Readily biodegradable.**  
Remarks: **The toxicological data has been taken from products of similar composition.**

## 12.3 Bioaccumulative potential

### Components:

#### BUTANE NORMAL:

Partition coefficient: n-octanol/water : log Pow: **2,89**

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Endocrine disrupting properties

### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

### Product:



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Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

## Global warming potential

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

### Components:

#### PROPANE:

20-year global warming potential: 0,072  
100-year global warming potential: 0,02  
500-year global warming potential: 0,006  
Atmospheric lifetime: 0,036 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

#### BUTANE NORMAL:

20-year global warming potential: 0,022  
100-year global warming potential: 0,006  
500-year global warming potential: 0,002  
Atmospheric lifetime: 0,019 yr  
Radiative efficiency: 0 Wm<sup>2</sup>ppb  
Further information: Miscellaneous compounds

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

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## SECTION 14: Transport information





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## 14.1 UN number or ID number

**ADN** : UN 1950  
**ADR** : UN 1950  
**RID** : UN 1950  
**IMDG** : UN 1950  
**IATA** : UN 1950

## 14.2 UN proper shipping name

**ADN** : AEROSOLS  
**ADR** : AEROSOLS  
**RID** : AEROSOLS  
**IMDG** : AEROSOLS  
**IATA** : AEROSOLS

## 14.3 Transport hazard class(es)

**ADN** : 2  
**ADR** : 2  
**RID** : 2  
**IMDG** : 2.1  
**IATA** : 2.1

## 14.4 Packing group

**ADN**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1

**ADR**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)

**RID**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Hazard Identification Number : 23  
Labels : 2.1

**IMDG**  
Packing group : Not assigned by regulation



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Labels	:	2.1
EmS Code	:	F-D, S-U
<b>IATA (Cargo)</b>		
Packing instruction (cargo aircraft)	:	203
Packing instruction (LQ)	:	Y203
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas
<b>IATA_P (Passenger)</b>		
Packing instruction (passenger aircraft)	:	203
Packing instruction (LQ)	:	Y203
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas

## 14.5 Environmental hazards

<b>ADN</b>	
Environmentally hazardous	: no
<b>ADR</b>	
Environmentally hazardous	: no
<b>RID</b>	
Environmentally hazardous	: no
<b>IMDG</b>	
Marine pollutant	: no

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

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## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, : Not applicable



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mixtures and articles (Annex XVII)

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P3a FLAMMABLE AEROSOLS

18 Liquefied flammable gases (including LPG) and natural gas

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 0,5 %

Regulation (EC) No. 648/2004, as amended : 15 % or over but less than 30 %: Aliphatic hydrocarbons

### Other regulations:

2000 XXV. Law on chemical safety  
44/2000. (XII 27) Ministry of health dangerous substances and preparations dangerous for certain procedures and arrangements for activities

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

### The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory



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AIIC	:	Not in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL
ENCS	:	Not in compliance with the inventory
ISHL	:	Not in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	Not in compliance with the inventory
IECSC	:	On the inventory, or in compliance with the inventory
NZIoC	:	Not in compliance with the inventory
TECI	:	Not in compliance with the inventory

## 15.2 Chemical safety assessment

No data available

### Inventories

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

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## SECTION 16: Other information

### Full text of H-Statements

H220	:	Extremely flammable gas.
H226	:	Flammable liquid and vapour.
H280	:	Contains gas under pressure; may explode if heated.
H302	:	Harmful if swallowed.
H314	:	Causes severe skin burns and eye damage.
H318	:	Causes serious eye damage.
H335	:	May cause respiratory irritation.
H336	:	May cause drowsiness or dizziness.
H400	:	Very toxic to aquatic life.
H411	:	Toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard



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Eye Dam.	:	Serious eye damage
Flam. Gas	:	Flammable gases
Flam. Liq.	:	Flammable liquids
Press. Gas	:	Gases under pressure
Skin Corr.	:	Skin corrosion
STOT SE	:	Specific target organ toxicity - single exposure
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
HU OEL	:	Hungary. Occupational Exposure Limits - Annex 1: Permissible concentration values
2000/39/EC / TWA	:	Limit Value - eight hours
2000/39/EC / STEL	:	Short term exposure limit
HU OEL / TWA	:	Mean concentration

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Internal information : 000000274847



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**Classification of the mixture:**

Aerosol 2

H229, H223

Aerosol 1

H222, H229

**Classification procedure:**

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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