

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 12/3/2020 Revision date: 11/17/2019 Supersedes version of: 11/17/2020 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : PROTECTION WAX SPRAY (500ML)

UFI : U67G-A0PC-A004-VDG0

Product code : 5500

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Treatment and coating of metals

#### 1.2.2. Uses advised against

No additional information available

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

Pro Part International Molenakker 3 5953 TW Reuver - Nederland T +31 (0) 77 476 2204

info@propart-international.com - www.propart-international.com

#### 1.4. Emergency telephone number

No additional information available

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Skin corrosion/irritation, Category 2 H315
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
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)





GHS02

GHS07

GHS09

Signal word (CLP) : Danger Contains : HYDRO

Contains : HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE.;

 ${\tt HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2\% AROMATICS;}$ 

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Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H315 - Causes skin irritation.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

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.

P260 - Do not breathe spray.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment. P280 - Wear protective gloves, eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P403 - Store in a well-ventilated place.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50  $^{\circ}\text{C},\,122$ 

°F.

P501 - Dispose of Contents and container, to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Other hazards which do not result in classification : With insufficient ventilation there is a risk of explosive vapor-air mixture.

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

## 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . substance with a Community workplace exposure limit	(CAS-No.) 92128-66-0 (EC-No.) 921-024-6 (REACH-no) 01-2119475514-35	25 – 50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
BUTANE substance with a Community workplace exposure limit	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-00-0 (REACH-no) 01-2119474691-32	10 – 25	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS substance with a Community workplace exposure limit	(CAS-No.) 64742-48-9 (EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	10 – 25	STOT SE 3, H336 Asp. Tox. 1, H304 Flam. Liq. 3, H226
PROPANE	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5 (REACH-no) 01-2119486944-21	10 – 25	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
ISOBUTANE (CONTAINS <0,1% BUTADIENE (203-450-8))	(CAS-No.) 75-28-5 (EC-No.) 200-857-2 (EC Index-No.) 601-004-00-0 (REACH-no) 01-2119485395-27	2.5 – 10	Flam. Gas 1A, H220 Press. Gas (Comp.), H280

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HYDROCARBONS, C9, AROMATICS	(CAS-No.) 128601-23-0 (EC-No.) 918-668-5 (REACH-no) 01-2119455851-35	1 – 2.5	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
STEARIC ACID	(CAS-No.) 57-11-4 (EC-No.) 200-313-4	1 – 2.5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312

Full text of H-statements: see section 16

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

First-aid measures after inhalation : With unconsciousness; location and transport in a stable side position.

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after eye contact

First-aid measures after ingestion

Wash immediately with plenty of soap and water. Rinse well.

Rinse opened eye for several minutes under running water.

Do NOT induce vomiting. Seek urgent medical help.

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

Symptoms/effects : No additional information available.

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

No additional information available.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2).

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Reactivity in case of fire : No additional information available

## 5.3. Advice for firefighters

Protection during firefighting : Breathing equipment.

## **SECTION 6: Accidental release measures**

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

## 6.1.1. For non-emergency personnel

Protective equipment : Use protective clothing. Keep unprotected people away.

#### 6.1.2. For emergency responders

No additional information available

## 6.2. Environmental precautions

Must not enter sewers or wastewater. Notify the competent authority if it enters wastewater or sewers. Do not contaminate ground and surface water.

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

For containment : Ensure adequate air ventilation.

Methods for cleaning up : Do not flush with water or aqueous cleansing agents.

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## 6.4. Reference to other sections

Stable under recommended handling and storage conditions (see section 7). Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Additional hazards when processed : Do not spray on a naked flame or any incandescent material. Keep away from sources of

ignition - No smoking. Take precautionary measures against static discharge. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not

pierce or burn, even after use.

Precautions for safe handling : Ensure good extraction / ventilation of the workplace.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : The government provisions with regard to the storage of compressed gas packings must be

observed.

Storage conditions : Store tightly closed in a dry and cool place. Protect from heat and direct sunlight.

Information on mixed storage : The government provisions with regard to the storage of compressed gas packings must be

observed.

Storage area : Keep cool.

#### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL STEL	1200 mg/m³

BUTANE (106-97-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1900 mg/m³
IOEL TWA [ppm]	800 ppm
IOEL STEL	3800 mg/m³
IOEL STEL [ppm]	1000 ppm
Notes	Carc (if more than 0,1% of buta-1.3-diene)

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS (64742-48-9)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL STEL	1200 mg/m³ RCP-TGG Short-term
IOEL STEL [ppm]	197 ppm RCP-TGG Short-term

ISOBUTANE (CONTAINS <0,1% BUTADIENE (203-450-8)) (75-28-5)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	2400 mg/m³

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PROPANE (74-98-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1800 mg/m³
IOEL STEL [ppm]	1000 ppm

## 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

## 8.1.4. DNEL and PNEC

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)		
DNEL/DMEL (Workers)	DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	773 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	2035 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	699 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	608 mg/m³	
Long-term - systemic effects, dermal	699 mg/kg bodyweight/day	

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS (64742-48-9)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	208 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	871 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	125 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	185 mg/m³	
Long-term - systemic effects, dermal	125 mg/kg bodyweight/day	

HYDROCARBONS, C9, AROMATICS (128601-23-0)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	25 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	100 mg/m³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	11 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	32 mg/m³	
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day	

Additional information

: The basis of the information is the data that were valid when compiled.

## 8.1.5. Control banding

No additional information available

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#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash hands before breaks and after work. Do not breathe gas/vapour/aerosol. When handling product, avoid contact with skin and eyes.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Protective goggles.

Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses. EN 166

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing. EN-13034/6

#### Hand protection:

Solvent-resistant gloves. Choose glove material taking into account the penetration times, the permeation degrees and the degradation. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product consists of several substances, the durability of the glove material cannot be estimated and needs to be tested before use. Nitrile rubber gloves. Layer thickness: >= 0,5 mm. For continuous contact, we recommend gloves with a breakthrough time of at least 240 minutes, with a breakthrough time of more than 480 minutes being preferred. We recommend the same for short-term work or splash protection. We are aware that suitable gloves that provide this level of protection may not be available. In that case, a shorter breakthrough time may be acceptable, as long as the procedures for appropriate maintenance and timely replacement are followed. The thickness of the glove is not a good measure of the glove's resistance to a chemical, as it depends on the exact composition of the material the gloves are made of. Time of penetration is to be checked with the glove producer.

#### 8.2.2.3. Respiratory protection

## Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. Filter A2/P2

## 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

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

## 9.1. Information on basic physical and chemical properties

Physical state : Gas
Colour : Colourless.
Odour : Characteristic.
Odour threshold : Not determined.
pH : Not determined.
Relative evaporation rate (butylacetate=1) : No data available

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: Not determined. Melting point Freezing point : Not determined. Boiling point : -44.5 °C -97 °C Flash point

The product does not ignite on its own. Auto-ignition temperature

Decomposition temperature : No data available Flammability (solid, gas) : Not applicable. Vapour pressure 3800 hPa Relative vapour density at 20 °C : Not determined. Relative density : Not determined. Density : ~ 0,667 g / cm3 @ 20 °C

Solubility : Not / low.

> Organic solvent:88,2 % : Not determined.

Partition coefficient n-octanol/water (Log Pow) Not determined Viscosity, kinematic Viscosity, dynamic : Not determined.

Explosive properties : The product is not explosive, but the formation of explosive vapor / air mixtures is possible.

Oxidising properties : No data available : 0.5 vol % Lower explosive limit (LEL) Upper explosive limit (UEL) : 10.9 vol %

#### 9.2. Other information

VOC content : VOC - CH 88,20% VOC-EU ~ 588,3 g/l Other properties : Ignition temperature: > 200 °C.

Solids content : 5,9 %

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No additional information available.

## 10.2. Chemical stability

No degradation when used as directed.

## 10.3. Possibility of hazardous reactions

No dangerous reactions known.

## 10.4. Conditions to avoid

No additional information available.

## 10.5. Incompatible materials

No additional information available.

## 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

: Not classified Acute toxicity (oral) : Not classified Acute toxicity (dermal) Acute toxicity (inhalation) : Not classified

## HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)

LD50 oral rat > 5840 mg/kg

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LD50 dermal rabbit	> 2920 mg/kg
LC50 Inhalation - Rat	> 25.2 mg/l/4h

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS (64742-48-9)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 Inhalation - Rat	4.951 mg/l/4h

HYDROCARBONS, C9, AROMATICS (128601-23-0)	
LD50 oral rat	3492 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 Inhalation - Rat	> 6193 mg/l/4h

STEARIC ACID (57-11-4)	
LD50 oral rat	2000 – 6000 mg/kg
LD50 dermal rabbit	2000 mg/kg
LC50 Inhalation - Rat	162.1 mg/m³

Skin corrosion/irritation : Causes skin irritation.

pH: Not determined.

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

pH: Not determined.

Respiratory or skin sensitisation : Based on available data, the classification criteria are not met Germ cell mutagenicity : Based on available data, the classification criteria are not met Carcinogenicity : Based on available data, the classification criteria are not met

Reproductive toxicity : Based on available data, the classification criteria are not met

STOT-single exposure : May cause drowsiness or dizziness.

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

Aspiration hazard : Based on available data, the classification criteria are not met

PROTECTION WAX SPRAY (500ML)	
Viscosity, kinematic	Not determined.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute

Hazardous to the aquatic environment, long-term

(chronic)

: Toxic to aquatic life with long lasting effects.

HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE . (92128-66-0)		
LC50 - Fish [1] 11.4 mg/l (Fish)		
EC50 - Crustacea [1]	3 mg/l 48h	
EC50 72h - Algae [1]	30 – 100 mg/l	

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LOEC (chronic)	0.32 mg/l daphnia
NOEC chronic crustacea	0.17 mg/l
NOEC chronic algae	3 mg/l (72h)

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS (64742-48-9)		
LC50 - Fish [1] > 1000 mg/l (Onc)		
EC50 - Crustacea [1]	1000 mg/l	
EC50 72h - Algae [1]	> 1000 mg/l	
NOEC (chronic)	100 mg/l 72 h Pseudokirchneriella subcapitata	

HYDROCARBONS, C9, AROMATICS (128601-23-0)	
LC50 - Fish [1] 9.2 mg/l	
EC50 - Crustacea [1]	3.2 mg/l
EC50 72h - Algae [1]	1 mg/l

## 12.2. Persistence and degradability

PROTECTION WAX SPRAY (500ML)	
Persistence and degradability	Not readily biodegradable.

## 12.3. Bioaccumulative potential

PROTECTION WAX SPRAY (500ML)	
Partition coefficient n-octanol/water (Log Pow)  Not determined.	
Bioaccumulative potential	No additional information available.

## 12.4. Mobility in soil

PROTECTION WAX SPRAY (500ML)		
Mobility in soil	No supplementary information available	
Aquatic hazard (NL)	A (2) toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment	
Additional information	Toxic to fish. Hazardous to water (WGK 2(D)Self classification). Do not discharge into groundwater, into surface water or into drains. Danger to drinking water even if small amounts leak into the ground. Also poisonous to fish and plankton in surface water. Toxic to aquatic organisms	

## 12.5. Results of PBT and vPvB assessment

PROTECTION WAX SPRAY (500ML)	
Results of PBT assessment	Not applicable.

## 12.6. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste treatment methods : Do not dispose of with domestic waste. Do not discharge into drains.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

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European List of Waste (LoW) code HP Code

- : 08 02 99 wastes not otherwise specified
- : HP3 "Flammable:"
- flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
- flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
- flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
- flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
- water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
- other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
- $\mbox{HP4}$  "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.
- HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
- HP14 "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN
14.1. UN number			
UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shippin	g name		
AEROSOLS (HYDROCARBONS, C6-C7, N-ALKANES, CYCLICS, <5% N-HEXANE .; Hydrocarbons, C9, aromatics)	AEROSOLS (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .; Hydrocarbons, C9, aromatics)	Aerosols, flammable (HYDROCARBONS, C6- C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .; Hydrocarbons, C9, aromatics)	AEROSOLS (HYDROCARBONS, C6-C7, N-ALKANES ISOALKANES, CYCLICS, <5% N-HEXANE . ; Hydrocarbons, C9, aromatics)
Transport document descr	ription		
UN 1950 AEROSOLS (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .; Hydrocarbons, C9, aromatics), 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS (HYDROCARBONS, C6- C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE.; Hydrocarbons, C9, aromatics), 2.1, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1950 Aerosols, flammable (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE.; Hydrocarbons, C9, aromatics), 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS (HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE; Hydrocarbons, C9, aromatics), 2.1, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard	class(es)		
2.1	2.1	2.1	2.1
<b>1 1 1 1 1 1 1 1 1 1</b>	<b>1</b> 2 2	2	<b>1 1 1 1 1 1 1 1 1 1</b>

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Not applicable	Not applicable	Not applicable	Not applicable
.5. Environmental ha	zards		
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes

## 14.6. Special precautions for user

Special transport precautions : Warning : Gases (except aerosol dispensers and lighters)

**Overland transport** 

Classification code (ADR) : 5F
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D

Transport by sea

EmS-No. (Fire): F-DEmS-No. (Spillage): S-UStowage and handling (IMDG): SW1, SW22Segregation (IMDG): SG69

Air transport

PCA Excepted quantities (IATA) : E0

Inland waterway transport

Classification code (ADN) : 5F Limited quantities (ADN) : 1 L Excepted quantities (ADN) : E0

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

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

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:			
Reference code	Applicable on	Entry title or description	
3(a)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .; HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	
3(b)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE .; HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	
3(c)	HYDROCARBONS, C6-C7, N-ALKANES, ISOALKANES, CYCLICS, <5% N-HEXANE	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	

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40.	HYDROCARBONS, C6-C7, N-ALKANES,	Substances classified as flammable gases category 1 or 2, flammable liquids
	ISOALKANES, CYCLICS, <5% N-HEXANE	categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures
	.; BUTANE; HYDROCARBONS, C9-C11,	which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric
	N-ALKANES, ISOALKANES, CYCLICS, <	liquids category 1 or pyrophoric solids category 1, regardless of whether they
	2% AROMATICS ; ISOBUTANE	appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.
	(CONTAINS <0,1% BUTADIENE (203-450-	
	8))	

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

VOC content : VOC - CH 88,20% VOC-EU ~ 588,3 g/l

Other information, restriction and prohibition

regulations

: Qualifying quantity (tonnes) for applications of requirements for low-threshold devices: 150 t. Qualifying quantity (tonnes) for application of requirements for high-threshold devices: 500

t.

#### Directive 2012/18/EU (SEVESO III)

Seveso Additional information : P3a :Flammable aerosol. E2: Hazardous to the aquatic environment.

#### 15.1.2. National regulations

Klasse NK: 75 -<100 % Danish MAL code: 5-3

**Netherlands** 

SZW-lijst van kankerverwekkende stoffen

SZW-lijst van mutagene stoffen

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen - Ontwikkeling

: None of the components are listed

None of the components are listedNone of the components are listed

: None of the components are listed

: None of the components are listed

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
IMDG	International Maritime Dangerous Goods	
IATA	International Air Transport Association	
CAS-No.	Chemical Abstract Service number	
DNEL	Derived-No Effect Level	
LC50	Median lethal concentration	
LD50	Median lethal dose	
PBT	Persistent Bioaccumulative Toxic	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources

: These data are based on the current state of our knowledge. However, they do not provide a guarantee of product properties and do not establish a contractual legal relationship.

11/17/2019 (Revision date) EU - en 12/13

## Safety Data Sheet

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

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Press. Gas (Comp.)	Gases under pressure : Compressed gas	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
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.	
H225	Highly flammable liquid and vapour.	
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.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
H411	Toxic to aquatic life with long lasting effects.	

Safety Data Sheet (SDS), EU

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.