

# BOND EX (5 LTR)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 11/3/2020 Revision date: 10/7/2020 Supersedes version of: 9/3/2019 Version: 15.1

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : BOND EX (5 LTR)  
UFI : KFP5-P0US-500Y-1AYR  
Product code : 2055

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Professional  
Use of the substance/mixture : Cold detergent.

##### 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](mailto:info@propart-international.com) - [www.propart-international.com](http://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]

Flammable liquids, Category 2 H225  
Serious eye damage/eye irritation, Category 2 H319  
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336  
Aspiration hazard, Category 1 H304  
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

GHS08

GHS09

Signal word (CLP)

: Danger

Contains

: HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS; propan-2-ol;  
REACTION MASS OF ETHYL BENZENE AND XYLENE

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H319 - Causes serious eye irritation.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.

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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. P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof electrical, lighting, ventilating equipment. P261 - Avoid breathing vapours. P280 - Wear eye protection, face protection, protective gloves. P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER, doctor if you feel unwell. P331 - Do NOT induce vomiting. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents, Contents and container, to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

Other hazards not contributing to the classification : The product does not meet the PBT and vPvB classification criteria.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Comments : Description: Cleaning agent

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS	(CAS-No.) 68920-06-9 (EC-No.) 920-750-0 (REACH-no) 01-2119473851-33	75 – 100	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
propan-2-ol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25	10 – 25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
REACTION MASS OF ETHYL BENZENE AND XYLENE	(EC-No.) 905-588-0	2.5 – 10	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304

Comments : Ingredients according to Detergent Directive 648/2004 / EC:  
Aliphatic hydrocarbons: >=30%  
Aromatic hydrocarbons: < 5%

Full text of H-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Allow affected person to breathe fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after skin contact	: In general, the product is not irritating to the skin.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get medical advice/attention.
First-aid measures after ingestion	: 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.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional data.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO <sub>2</sub> ). Water spray.
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.
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#### 5.3. Advice for firefighters

Protection during firefighting	: Approved respirator.
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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment. Keep public away.
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##### 6.1.2. For emergency responders

No additional information available

#### 6.2. Environmental precautions

Do not allow into drains or water courses. Do not contaminate ground and surface water. No discharge of substance into waste water. Prevent penetration into wastewater, sewers, wells or basements. In case of contamination of soil or water bodies notify the competent authorities.

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

For containment	: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up liquid spill into absorbent material, e.g.: sand, saw dust.
Methods for cleaning up	: For disposal of contaminated materials refer to section 13 : "Disposal considerations".
Other information	: Ensure adequate air ventilation. Do not flush with water or aqueous cleansing agents.

#### 6.4. Reference to other sections

Stable under recommended handling and storage conditions (see section 7). For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

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### 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.
Precautions for safe handling	: Provide sufficient air exchange and/or exhaust. Prevent aerosol formation.

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

Technical measures	: Keep in a cool place.
Storage conditions	: Keep tanks tightly closed. Store tightly closed in a dry and cool place.
Information on mixed storage	: The government provisions with regard to the storage of compressed gas packings must be observed.

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

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS (68920-06-9)

###### EU - Occupational Exposure Limits

IOELV STEL (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
IOELV STEL (ppm)	260 ppm

###### Netherlands - Occupational Exposure Limits

Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	1200 mg/m <sup>3</sup>
Grenswaarde TGG 15MIN (ppm)	260 ppm

##### propan-2-ol (67-63-0)

###### EU - Occupational Exposure Limits

IOELV TWA (mg/m <sup>3</sup> )	650 mg/m <sup>3</sup>
IOELV TWA (ppm)	250 ppm

###### Netherlands - Occupational Exposure Limits

TRGS 903	Biological limit values 650 mg/m <sup>3</sup> , 250 ppm
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##### REACTION MASS OF ETHYL BENZENE AND XYLENE

###### Netherlands - Occupational Exposure Limits

Grenswaarde TGG 8H (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Grenswaarde TGG 8H (ppm)	50 ppm
Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Grenswaarde TGG 15MIN (ppm)	100 ppm

#### Monitoring methods

Monitoring methods	No additional data, see chapter 7.
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##### HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS (68920-06-9)

###### DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	773 mg/kg bodyweight/day
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Long-term - systemic effects, inhalation	2035 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	699 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	608 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	699 mg/kg bodyweight/day

<b>propan-2-ol (67-63-0)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	888 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	500 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	89 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	319 mg/kg bodyweight/day

<b>REACTION MASS OF ETHYL BENZENE AND XYLENE</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - local effects, inhalation	289 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	180 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	77 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	1.6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	14.8 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	108 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.327 mg/l (Undefined)
PNEC aqua (marine water)	0.327 mg/l (Undefined)
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	12.46 mg/l (Undefined)
PNEC sediment (marine water)	12.46 mg/l (Undefined)
<b>PNEC (Soil)</b>	
PNEC soil	2.31 ug/kg (Undefined)
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	6.58 mg/l (Undefined)

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

## 8.2. Exposure controls

### Appropriate engineering controls:

Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and after work. Do not breathe gas/fumes/vapour/spray.

### Personal protective equipment:

Gloves. Safety glasses.

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### Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent). 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 :  $\geq 0,5$  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. Check leak tightness / impermeability prior to use.

### Eye protection:

Wear security glasses which protect from splashes. EN 166

### Skin and body protection:

Wear suitable protective clothing. (EN-13034/6)

### Respiratory protection:

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

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquidat
Colour	: According to product specification.
Odour	: Characteristic.
Odour threshold	: No information available Not determined.
pH	: Not determined.
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (water=1)	: Not determined.
Melting point	: Not determined.
Freezing point	: Not determined.
Boiling point	: 82 °C
Flash point	: 2 °C
Auto-ignition temperature	: The product does not ignite on its own.
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable.
Vapour pressure	: 43 hPa (20°C)
Relative vapour density at 20 °C	: Not determined.
Relative density	: Not determined.
Density	: 0.75 g/cm <sup>3</sup> at 20 °C
Solubility	: Water: Not miscible/Practically not miscible Organic solvent:100,0%
Partition coefficient n-octanol/water (Log Pow)	: Not determined.
Viscosity, kinematic	: No data available
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

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Lower explosive limit (LEL) : 0.7 vol %  
Upper explosive limit (UEL) : 12 vol %

### 9.2. Other information

VOC content : 750 g/l (EU) VOC-CH : 100,00%  
Other properties : Ignition temperature: > 200 °C.

## 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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS (68920-06-9)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2800 mg/kg
LC50 Inhalation - Rat	> 23 mg/l/4h

#### propan-2-ol (67-63-0)

LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	13900 mg/kg
LC50 Inhalation - Rat	25 mg/l 6h

#### REACTION MASS OF ETHYL BENZENE AND XYLENE

LD50 oral rat	3523 mg/kg
LD50 dermal rabbit	12126 mg/kg bodyweight
LC50 Inhalation - Rat	27.124 mg/l/4h

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: Not determined.

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Serious eye damage/irritation	: Causes serious eye irritation. pH: Not determined.
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	:

#### HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS (68920-06-9)

LC50 fish 1	> 13.4 mg/l (Onc, 96h)
EC50 Daphnia 1	3 mg/l (48h, Daphnia magna (Water flea))
EC50 72h algae (1)	10 mg/l (Pseudokirchneriella Subcapitata)
EC50 72h algae (2)	10 – 30 mg/l (Pseudokirchneriella Subcapitata)
LOEC (chronic)	0.32 mg/l (Daphnia Magna, 21 days)
NOEC chronic crustacea	0.17 mg/l (Daphnia Magna, 21 d)

#### propan-2-ol (67-63-0)

LC50 fish 1	9640 mg/l (Pimephales promelas, 96h)
LC50 other aquatic organisms 1	9714 mg/l (Daphnia magna (Water flea), 24h )
LOEC (chronic)	1000 mg/l algae (8days)

#### REACTION MASS OF ETHYL BENZENE AND XYLENE

LC50 fish 1	8.9 – 16.4 mg/l (Pimephales promelas)
EC50 Daphnia 1	3.2 – 9.5 mg/l
NOEC (chronic)	16 mg/l (Bacteria, 28 days)
NOEC chronic fish	1.3 mg/l
NOEC chronic crustacea	0.96 mg/l (7 days, Daphnia magna (Water flea))
NOEC chronic algae	0.44 mg/l (72h)

### 12.2. Persistence and degradability

#### BOND EX (5 LTR)

Persistence and degradability	Readily biodegradable. Not readily biodegradable.
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### 12.3. Bioaccumulative potential

#### BOND EX (5 LTR)

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

### 12.4. Mobility in soil

#### BOND EX (5 LTR)

Mobility in soil	No additional information available
Ecology - soil	Toxic to fish.

### 12.5. Results of PBT and vPvB assessment

#### BOND EX (5 LTR)

Results of PBT assessment	The product does not meet the PBT and vPvB classification criteria
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### 12.6. Other adverse effects

Other adverse effects	: No additional information available.
Water hazard	: (NL) : Z (1)
Additional information	: non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioaccumulative potential/ toxicity or persistence).Hazardous to water (WGK 2(D)Self classification).danger for water.Do not discharge into groundwater, surface water or drains.Danger of pollution of drinking water when product enters the soil.Also poisonous to fish and plankton in surface water.Toxic to aquatic organisms

## 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.
HP Code	: 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. 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 / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1993	UN 1993	UN 1993	UN 1993	Not applicable
<b>14.2. UN proper shipping name</b>				
FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol)	Flammable liquid, n.o.s. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol)	FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol)	Not applicable
<b>Transport document description</b>				
UN 1993 FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol), 3, II, MARINE POLLUTANT/ENVIRONME NTALLY HAZARDOUS	UN 1993 Flammable liquid, n.o.s. (HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol), 3, II, ENVIRONMENTALLY HAZARDOUS	UN 1993 FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C7- C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol), 3, II, ENVIRONMENTALLY HAZARDOUS	Not applicable
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	Not applicable
				Not applicable
<b>14.4. Packing group</b>				
II	II	II	II	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

Special transport precautions : Warning : Combustible liquids that cannot be assigned to any of the above storage classes

#### Overland transport

Limited quantities (ADR) : 1I  
Excepted quantities (ADR) : E2  
Hazard identification number (Kemler No.) : 33  
Orange plates :



Tunnel restriction code (ADR) : D/E

#### Transport by sea

Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : B

#### Air transport

No data available

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### Inland waterway transport

No data available

### Rail transport

Not applicable

## 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, C7-C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol	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, C7-C9, N-ALKANES, ISOALKANES, CYCLICS ; propan-2-ol	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, C7-C9, N-ALKANES, ISOALKANES, CYCLICS	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

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 : 750 g/l (EU) VOC-CH : 100,00%

Other information, restriction and prohibition regulations : Qualifying quantity (tonnes) for applications of requirements for low-threshold devices: 200 t. Qualifying quantity (tonnes) for application of requirements for high-threshold devices: 500 t.

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

Seveso Additional information : P5c: Flammable liquids.E2: Hazardous to the aquatic environment. E2: Hazardous to the aquatic environment.

#### 15.1.2. National regulations

Klasse NK : 75 -<100 %

Danish MAL code : 5-3

#### Netherlands

Dutch National Regulations : List of Potentially Substances of Very High Concern:  
Reaction mass of ethylbenzene and xylene.

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : Reaction mass of ethylbenzene and xylene.

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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

### SECTION 16: Other information

#### Abbreviations and acronyms:

RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
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
PNEC	Predicted No-Effect Concentration
LC50	Median lethal concentration
LD50	Median lethal dose
PBT	Persistent Bioaccumulative Toxic

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.

#### Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, 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
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

SDS EU (REACH Annex II)

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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.