

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Rubber

**Product no.**

-

**REACH registration number**

Not applicable

**Other means of identification**

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

**Relevant identified uses of the substance or mixture**

Roofpaint

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Iso Paint Nordic A/S

Tværevej 8

6640 Lunderskov

tlf: +45 7633 3114

fax: +45 76333115

**Contact person**

Eva Paulsen

**E-mail**

driftslab@isopaint.dk

**SDS date**

02-05-2013

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

This product is not classified as dangerous.

See full text of H/R-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**

-

**Hazard statement(s)**

-

**Identity of the substances primarily responsible for the major health hazards**

<b>Safety statement(s)</b>	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

### 2.3. Other hazards

This product contains an organic solvent. Repeated exposure to organic solvents can result in damage to the nervous system and inner organs, such as the liver and kidneys.

**Additional labelling**

Safety data sheet available on request.

**Additional warnings**

-

**VOC**

VOC-MAX: 40 g/l, MAXIMUM VOC CONTENT (Phase II, c (WB)): 40 g/l.

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

**3.1/3.2. Substances**

NAME:	water
IDENTIFICATION NOS.:	CAS-no: 7732-18-5 EC-no: -
CONTENT:	25-40%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Limestone
IDENTIFICATION NOS.:	CAS-no: 1317-65-3 EC-no: 215-279-6
CONTENT:	15-25%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Architectural Binder
IDENTIFICATION NOS.:	-
CONTENT:	5-15%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	2-(2-butoxyethoxy)ethanol
IDENTIFICATION NOS.:	CAS-no: 112-34-5 EC-no: 203-961-6 Index-no: 603-096-00-8
CONTENT:	1-5%
DSD CLASSIFICATION:	Xi;R36
CLP CLASSIFICATION:	Eye Irrit. 2 H319
NAME:	propane-1,2-diol
IDENTIFICATION NOS.:	CAS-no: 57-55-6 EC-no: 200-338-0 REACH-no: 01-2011-9456809-23
CONTENT:	1-5%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Polypropylene glycol
IDENTIFICATION NOS.:	CAS-no: 25322-69-4
CONTENT:	<1%
DSD CLASSIFICATION:	Xn;R22
CLP CLASSIFICATION:	Acute Tox. 4 H302
NAME:	Acryl copolymer
IDENTIFICATION NOS.:	-
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Polyacrylsyre ammoniumsalt
IDENTIFICATION NOS.:	CAS-no: 9003-01-4
CONTENT:	<1%
DSD CLASSIFICATION:	-
CLP CLASSIFICATION:	-
NAME:	Alkenes, C7-9, hydroformylation products, distn. residues, heavy cr...
IDENTIFICATION NOS.:	CAS-no: 98072-31-2 EC-no: 308-482-7
CONTENT:	<1%
DSD CLASSIFICATION:	R53
CLP CLASSIFICATION:	NA
NAME:	ammonia, aqueous solution
IDENTIFICATION NOS.:	CAS-no: 1336-21-6 EC-no: 215-647-6 Index-no: 007-001-01-2
CONTENT:	<1%
DSD CLASSIFICATION:	C; R34 N; R50
CLP CLASSIFICATION:	Skin Corr. 1B, Aquatic Acute 1 H314, H400
NAME:	(2-methoxymethylethoxy)propanol
IDENTIFICATION NOS.:	CAS-no: 34590-94-8 EC-no: 252-104-2
CONTENT:	<1%

DSD CLASSIFICATION:	
CLP CLASSIFICATION:	NA
NOTE:	S
NAME:	sodium hydroxide
IDENTIFICATION NOS.:	CAS-no: 1310-73-2 EC-no: 215-185-5 Index-no: 011-002-00-6
CONTENT:	<0.1%
DSD CLASSIFICATION:	C; R35
CLP CLASSIFICATION:	Skin Corr. 1A H314
NAME:	Quartz (SiO <sub>2</sub> )
IDENTIFICATION NOS.:	CAS-no: 14808-60-7 EC-no: 238-878-4
CONTENT:	<0.01%
DSD CLASSIFICATION:	Xn;R48
CLP CLASSIFICATION:	STOT RE 2 H373

(\*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available.

S = Organic solvent

### Other informations

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

#### Inhalation

Get the person into fresh air and stay with them.

#### Skin contact

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If irritation continues, contact a doctor.

#### Ingestion

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

#### Burns

Rinse with water until the pain stops and continue for 30 minutes.

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

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

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

No special

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, as in the case of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in thick black smoke. Exposure to catabolic products

can damage your health. Fire fighters should use proper protection gear. Closed containers, which are exposed to fire, should be cooled with water. Do not let fire-extinguishing water run into sewers and other water courses.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

## SECTION 6: Accidental release measures

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

No specific requirements.

### 6.2. Environmental precautions

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

### 6.4. Reference to other sections

See section on "Disposal considerations" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original.

#### Storage temperature

NA

### 7.3. Specific end use(s)

This product should only be used for applications described in Section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

sodium hydroxide (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | 2 mg/m<sup>3</sup>

propane-1,2-diol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

2-(2-butoxyethoxy)ethanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 10 ppm | 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 15 ppm | 101.2 mg/m<sup>3</sup>

Limestone (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): - ppm | - mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

#### DNEL / PNEC

DNEL (sodium hydroxide): 1 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term-local effect - Remarks: Workers

DNEL (sodium hydroxide): 1 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term-local effect - Remarks: General population

DNEL (propane-1,2-diol): 158 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - systemic effect - Remarks: Workers

DNEL (propane-1,2-diol): 10 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - local effect - Remarks: Workers

DNEL (propane-1,2-diol): 50 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - systemic effect - Remarks: General population

DNEL (propane-1,2-diol): 10 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - local effect - Remarks: General population

DNEL (Polypropylene glycol): 13,9 mg/kg - Exposure: Dermal - Duration: Long term - systemic effect - Remarks: Workers

DNEL (Polypropylene glycol): 98 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term - systemic effect - Remarks: Workers

DNEL (Polypropylene glycol): 8,3 mg/kg - Exposure: Dermal - Duration: long term - systemic effect - Remarks: General population

DNEL (Polypropylene glycol): 29 mg/kg - Exposure: Inhalation - Duration: long term - systemic effect - Remarks: General population

DNEL (Polypropylene glycol): 8,3 mg/kg - Exposure: Oral - Duration: long term - systemic effect - Remarks: General population

DNEL ((2-methoxymethylethoxy)propanol): 65 mg/kg - Exposure: Dermal - Duration: Long term - systemic effect - Remarks: Workers

DNEL ((2-methoxymethylethoxy)propanol): 310 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - systemic effect - Remarks:

According to EC-Regulation 1907/2006 (REACH)

Workers

DNEL ((2-methoxymethylethoxy)propanol): 15 mg/kg - Exposure: Dermal - Duration: long term - Systemic effect - Remarks: General population

DNEL ((2-methoxymethylethoxy)propanol): 37,2 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term - Systemic effect - Remarks: General population

DNEL ((2-methoxymethylethoxy)propanol): 1,67 mg/kg - Exposure: Oral - Duration: long term - Systemic effect - Remarks: General population

DNEL (Alkenes, C7-9, hydroformylation products, distn. residues, heavy cr...): 16,75 - Exposure: Inhalation - Duration: long term - local effect - Remarks: Workers

DNEL (Alkenes, C7-9, hydroformylation products, distn. residues, heavy cr...): 3,57 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: Long term - local effect - Remarks: General population

DNEL (2-(2-butoxyethoxy)ethanol): 101,2 mg/l - Exposure: Inhalation - Duration: short term local - Remarks: Workers

DNEL (2-(2-butoxyethoxy)ethanol): 20 mg/kg - Exposure: Dermal - Duration: long term systemic - Remarks: Workers

DNEL (2-(2-butoxyethoxy)ethanol): 67,5 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term systemic - Remarks: Workers

DNEL (2-(2-butoxyethoxy)ethanol): 67,5 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term local - Remarks: Workers

DNEL (2-(2-butoxyethoxy)ethanol): 50,6 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: short term local - Remarks: General population

DNEL (2-(2-butoxyethoxy)ethanol): 10 mg/kg - Exposure: Dermal - Duration: long term systemic - Remarks: General population

DNEL (2-(2-butoxyethoxy)ethanol): 34 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: ong term systemic - Remarks: General population

DNEL (2-(2-butoxyethoxy)ethanol): 1,25 mg/kg - Exposure: Oral - Duration: ong term systemic - Remarks: General population

DNEL (2-(2-butoxyethoxy)ethanol): 34 mg/m<sup>3</sup> - Exposure: Inhalation - Duration: long term local - Remarks: General population

PNEC (propane-1,2-diol): 260 mg/l - Exposure: Water - Duration: Single - Remarks: Fresh water

PNEC (propane-1,2-diol): 26 mg/l - Exposure: Water - Duration: Single - Remarks: Marine water

PNEC (propane-1,2-diol): 183 mg/l - Exposure: Water - Duration: Continuous - Remarks: Intermittent releases

PNEC (propane-1,2-diol): 50 mg/kg - Exposure: Soil - Duration: Single

PNEC (Polypropylene glycol): 0,2 mg/l - Exposure: Water - Duration: Single - Remarks: Fresh water

PNEC (Polypropylene glycol): 0,02 mg/l - Exposure: Water - Duration: Single - Remarks: Marine water

PNEC (Polypropylene glycol): 1,06 mg/l - Exposure: Water - Duration: Continuous - Remarks: Intermittent releases

PNEC (Polypropylene glycol): 0,0306 mg/kg - Exposure: Soil - Duration: Single

PNEC ((2-methoxymethylethoxy)propanol): 19 mg/l - Exposure: Water - Duration: Single - Remarks: Fresh water

PNEC ((2-methoxymethylethoxy)propanol): 1,9 mg/l - Exposure: Water - Duration: Single - Remarks: Marine water

PNEC ((2-methoxymethylethoxy)propanol): 190 mg/l - Exposure: Water - Duration: Continuous - Remarks: Intermittent releases

PNEC (2-(2-butoxyethoxy)ethanol): 1 mg/l - Exposure: Water - Duration: Single - Remarks: Fresh water

PNEC (2-(2-butoxyethoxy)ethanol): 0,1 mg/l - Exposure: Water - Duration: Single - Remarks: Marine water

PNEC (2-(2-butoxyethoxy)ethanol): 3,9 mg/l - Exposure: Water - Duration: Continuous - Remarks: Intermittent releases

PNEC (2-(2-butoxyethoxy)ethanol): 0,4 mg/kg - Exposure: Soil - Duration: Single

## 8.2. Exposure controls

Compliance with the stated exposure limits values should be checked on a regular basis.

### General recommendations

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom.

### Exposure scenarios

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

### Exposure limits

Trade users are covered by the rules of the working environment legislation on maximum concentrations for exposure. See work hygiene threshold values below.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept as low as possible and below the current threshold values (see below). Use for example an exhaust system if the normal air flow in the work room is not sufficient. Make sure that eyewash and emergency showers are clearly marked.

### Hygiene measures

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

-

#### Generally

Only CE-marked personal protection equipment should be used.

#### Respiratory Equipment

No specific requirements.

#### Skin protection

No specific requirements.

#### Hand protection

No specific requirements.

#### Eye protection

Use face shield. Use safety glasses with a side shield as an alternative.

## SECTION 9: Physical and chemical properties

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

Form	Colour	Odour	pH	Viscosity	Density (g/cm <sup>3</sup> )
Liquid	Black	Mild	-	-	1,32
<b>Phase changes</b>					
Melting point (°C)		Boiling point (°C)		Vapour pressure (mm Hg)	
-		-		-	
<b>Data on fire and explosion hazards</b>					
Flashpoint (°C)		Ignition (°C)		Self ignition (°C)	
-		-		-	
Explosion limits (Vol %)		Oxidizing properties			
-		-			
<b>Solubility</b>					
Solubility in water		n-octanol/water coefficient			
Soluble		-			
<b>9.2. Other information</b>					
Solubility in fat		Additional information			
-		N/A			

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section on "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidising agents, and strong catabolic agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance	Species	Test	Route of exposure	Result
sodium hydroxide	Rabbit	LD50	Oral	325 mg/kg
Polyacrylsyre ammoniumsalt	Rat	LD50	Oral	2500 mg/kg
ammonia, aqueous solution	Rat	LD50	Oral	350 mg/l
Limestone	Rat	LD50	Oral	> 5000 mg/kg
propane-1,2-diol	Rat	LD50	Oral	22000 mg/kg
propane-1,2-diol	Rabbit	LC50	Inhalation	317042 mg/m <sup>3</sup>
Polypropylene glycol	Rat	LD50	Oral	500 mg/kg
Polypropylene glycol	Rabbit	LD50	Dermal	3000 mg/kg
(2-	Rat	LD50	Oral	> 5000 mg/kg
methoxymethylethoxy)propano...	Rat	LC50	Inhalation	> 275 ppm
(2-	Rat	LD50	Oral	> 5000 mg/kg
methoxymethylethoxy)propano...	Rabbit	LD50	Dermal	> 3160 mg/kg
Alkenes, C7-9, hydroformylatio...	Rat	LC50	Inhalation	> 2,04 mg/l
Alkenes, C7-9, hydroformylatio...	Rat	LD50	Oral	>5000 mg/kg
Alkenes, C7-9, hydroformylatio...	Rabbit	LD50	Dermal	> 5000 mg/kg
Architectural Binder	Rat	LC50	Oral	>2000 mg/l
Architectural Binder				
Acryl copolymer				

#### Long term effects

Neurotoxic effect: This product contains organic solvents, which can have an effect on the nervous system. Symptoms of neurotoxicity can be: loss of appetite, headache, dizziness, whistling in the ears, tingling sensations in the skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer. The skin will then be more prone to absorb dangerous substances, e.g. allergens.

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance	Species	Test	Test duration	Result
sodium hydroxide				
sodium hydroxide	Fish	LC50	24 h	145 mg/l
Limestone	Daphnia	EC50	48 h	40.4 mg/l
Limestone	Fish	LC50	96 h	> 10000 mg/l
Limestone	Daphnia	LC50	48 h	> 1000 mg/l
propane-1,2-diol	Algae	LC50	72 h	> 200 mg/l
Polypropylene glycol	Fish	LC50	96 h	40613 mg/l
Polypropylene glycol	Fish	LC50	96 h	>100 mg/l
Polypropylene glycol	Daphnia	EC50	48 h	105,8 mg/l
(2-methoxymethylethoxy)propano...	Algae	EC50	72 h	>100 mg/l
(2-methoxymethylethoxy)propano...	Fish	LC50	96 h	> 1000 mg/l
(2-methoxymethylethoxy)propano...	Daphnia	LC50	48 h	> 1000 mg/l
(2-methoxymethylethoxy)propano...	Algae	EC50	72 h	> 969 mg/l
(2-methoxymethylethoxy)propano...	Fish	LC50	96 h	> 100 mg/l
Alkenes, C7-9, hydroformylatio...	Fish	LC50	96 h	>100 ppm
Architectural Binder	Daphnia	EC50	48 h	>100 ppm
Architectural Binder	Algae	EC50	72 h	>100 ppm
Architectural Binder	Fish	LC50	96 h	>100 mg/l
Acryl copolymer	Daphnia	EC50	48 h	>100 mg/l
Acryl copolymer	Algae	IC50	72 h	>100 mg/l
Acryl copolymer	Fish	LC50	96 h	130 mg/l
Acryl copolymer	Daphnia	EC50	48 h	>100 mg/l
2-(2-butoxyethoxy)ethanol	Algae	EC50	96 h	>100 mg/l
2-(2-butoxyethoxy)ethanol				
2-(2-butoxyethoxy)ethanol				

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
sodium hydroxide		No data available	No data available
ammonia, aqueous solution		No data available	No data available
propane-1,2-diol		Modified OECD	available
Alkenes, C7-9, hydroformylatio...	Yes	Screening Test	81,7
Architectural Binder		No data available	No data available
2-(2-butoxyethoxy)ethanol		Modified OECD	No data available
		Screening Test	available
			85%

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BFC
sodium hydroxide	No	No data available	No data available
ammonia, aqueous solution	No	No data available	No data available
propane-1,2-diol	No	No data available	available
Polypropylene glycol	No	-107	No data available
(2-methoxymethylethoxy)propano...	No	-0,68	available
Architectural Binder	No	0,0043	No data available
Acryl copolymer	No	No data available	available
2-(2-butoxyethoxy)ethanol	No	2,9	No data available
		0,905	available
			No data available
			available
			No data available
			available

### 12.4. Mobility in soil

propane-1,2-diol: Log Koc= -84,6549, Calculated from LogPow (). Polypropylene glycol: Log Koc= -0,460092, Calculated from LogPow (). (2-methoxymethylethoxy)propano...: Log Koc= 0,08180517, Calculated from LogPow (High mobility potential. ). Acryl copolymer: Log Koc= 2,37491, Calculated from LogPow (Moderate mobility potential. ). 2-(2-butoxyethoxy)ethanol: Log Koc= 0,7950695, Calculated from LogPow (High mobility potential. ).

### 12.5. Results of PBT and vPvB assessment

No data available

### 12.6. Other adverse effects

This product contains ecotoxic substances which can have damaging effects on water-organisms. This product contains substances which can cause undesirable long-term effects in the water environment, due to its poor biodegradability.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

This product is not covered by the regulations on dangerous waste.

#### Waste

EWC code

-

#### Specific labelling

-

#### Contaminated packing

No specific requirements.

## SECTION 14: Transport information

Not listed as dangerous goods under ADR and IMDG regulations.

### 14.1 – 14.4

ADR/RID

14.1. UN  
number

14.2. UN proper shipping name

14.3. Transport  
hazard class(es)

14.4. Packing  
group

Notes

IMDG

UN-no.

Proper Shipping Name

Class

PG\*

EmS

MP\*\*

Hazardous  
constituent

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

-

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### Restrictions for application

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC. For exceptions, see the Danish Working Environment Authority's Executive Order No. 239 of 6 April 2005.

#### Demands for specific education

-

#### ▼ Additional information

-

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information'

### Sources

EC regulation 1907/2006 (REACH)

Directive 2000/532/EC

EC Regulation 1272/2008 (CLP)

### Full text of H/R-phrases as mentioned in section 3

According to EC-Regulation 1907/2006 (REACH)

R22 - Harmful if swallowed.  
R34 - Causes burns.  
R35 - Causes severe burns.  
R36 - Irritating to eyes.  
R48 - Danger of serious damage to health by prolonged exposure.  
R50 - Very toxic to aquatic organisms.  
R53 - May cause long-term adverse effects in the aquatic environment.  
H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H319 - Causes serious eye irritation.  
H373 - May cause damage to organs through prolonged or repeated exposure.  
H400 - Very toxic to aquatic life.

**The full text of identified uses as mentioned in section 1**

**Other symbols mentioned in section 2**

-

**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

**The safety data sheet is validated by**

Eva Paulsen

**Date of last essential change  
(First cipher in SDS version)**

-

**Date of last minor change  
(Last cipher in SDS version)**

-