

# SAFETY DATA SHEET

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

### 1.1. Product identifier

#### Trade name

Industriel Maskinvask

#### Product no.

235

#### 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

Chemicals for industrial use

#### Uses advised against

-

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

Pureno A/S (Tidl. Safe-Chem A/S)

Rønnevangs Allé 8

3400 Hillerød

Tel.: +45 70 260 267

#### Contact person

Kenneth Christensen

#### E-mail

mail@pureno.dk

#### SDS date

07-10-2013

#### SDS Version

2.0

### 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

▼ Safety statement(s)	General	-
	Prevention	-
	Response	-
	Storage	-
	Disposal	-

### 2.3. Other hazards

This product contains an organic solvent. Damages on the nerves system and inner organs as the liver and kidney can occur, when repeatedly exposure to organic solvents.

#### ▼ Additional labelling

Safety data sheet available on request.

#### Additional warnings

-

#### VOC

-

### SECTION 3: Composition/information on ingredients

#### 3.1/3.2. Substances

NAME:	2-butoxyethanol
IDENTIFICATION NOS.:	CAS-no: 111-76-2 EC-no: 203-905-0 Index-no: 603-014-00-0
CONTENT:	5-15%
DSD CLASSIFICATION:	Xn; R20/21/22 Xi; R36/38
CLP CLASSIFICATION:	Acute tox. 4, Skin Irrit. 2, Eye Irrit. 2 H302, H312, H315, H319, H332
NOTE:	S
NAME:	2-propyn-1-ol, propoxyleret i vand
IDENTIFICATION NOS.:	CAS-no: 38172-91-7
CONTENT:	-%
DSD CLASSIFICATION:	Xn;R22,R41
CLP CLASSIFICATION:	NA

(\*) 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 physician, if there is doubt about the injured persons condition, or the symptoms continuous. Do not ever give the unconscious person water or alike.

##### Inhalation

Lead the person into fresh air and keep the person under watch.

##### ▼ Skin contact

Remove contaminated clothing and shoes at once. If there has been contact to some skin, wash is thoroughly with water.

##### ▼ Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water (20-30 °C), until irritation cease and for at least 15 min. Make sure to flush under the upper and lower eyelid. Contact a physician at once.

##### Ingestion

Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately and bring along this security datasheet or the label from the product. Do not induce vomiting, unless recommended by the physician. Lower the persons head, so that vomit do not run back into the mouth or throat.

##### Burns

No relevance.

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

Neurotoxic effect: This product contains organic solvent, which can have an effect on the nerves system.

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

Non specific.

##### Information to medics

Bring this safety data sheet.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Recommendation: alcohol resistant foam, carbonic acid, powder, fog. Usage of a water beam is forbidden, since it can spread the fire.

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

If the product gets exposed to high temperature, as in case of a fire, dangerous demolition products gets created. These are: Carbon oxides. A thick black fog will develop in case of fire. If delaying the decomposition products, a danger to ones health is at risk. Fire fighters should use proper protection gear. A closed container, which is exposed to fire, should be cooled with water. Do not allow the water from the fire extinction run into sewer systems and water streams.

### 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 demands.

### 6.2. Environmental precautions

No specific demands.

### 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. If possible, clean with cleaning supplies. Solvents should be avoided.

### 6.4. Reference to other sections

See section 13 regarding 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 the same container as the original material.

#### 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

2-butoxyethanol (EH40/2005)

Long-term exposure limit (8-hour TWA reference period): 25 ppm | - mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 50 ppm | - mg/m<sup>3</sup>

Comments: Sk BMGV (Bmgv = Biological Monitoring Guidance Value. Sk = Can be absorbed through skin. )

#### DNEL / PNEC

No data available.

### 8.2. Exposure controls

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

#### General recommendations

Smoking, consumption of food and liquids as well as storage of tobacco, foods and liquids, is not allowed in the room.

#### Exposure scenarios

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

#### Exposure limits

Trade users should encompass the rules of the work environment legislation on maximum concentrations of exposure. See work hygienic threshold limiting values below.

#### Appropriate technical measures

Airborne gas and dust concentrations, must be kept lowest possible and under the existing threshold limiting values (se below). In case the air streams in the work room is not sufficient, use for example a exhaust. Make sure there is visible signs for eye cleanser and shower.

#### Hygiene measures

When taking breaks, while using this product, and when work sub seeds, all exposed areas of the body has to be washed.

▼ **Measures to avoid environmental exposure**

No specific demands.

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

▼ **Generally**

Only CE-marked personal protection equipment should be used.

**Respiratory Equipment**

In case the ventilation at the work places is not sufficient, use a half or whole mask, with filter or air supplied safeguard. The choice depends on the concrete work situation and the durability of the work with the product.

▼ **Skin protection**

No specific demands.

**Hand protection**

Use protection gloves. The concrete work situation is not known. Contact the distributor of the gloves, to get help on the glove type.

**Eye protection**

If risk of splash in the eyes, 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	Colourless	Characteristic	13,8	-	1,03

**Phase changes**

Melting point (°C)	Boiling point (°C)	Vapour pressure (mm Hg)
-	-	-

**Data on fire and explosion hazards**

Flashpoint (°C)	Ignition (°C)	Self ignition (°C)
-	-	-
Explosion limits (Vol %)	Oxidizing properties	
-	-	

**Solubility**

Solubility in water	n-octanol/water coefficient
Soluble	-

**9.2. Other information**

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 section 7.

**10.3. Possibility of hazardous reactions**

Non specific.

**10.4. Conditions to avoid**

Overpressure develops, when exposed to heating (e.g.. sunlight).

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.

**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
2-propyn-1-ol, propoxyleret i ...	Rat	LC50	Oral	500-2000 mg/kg

▼ **Skin corrosion/irritation**

No data available.

**Serious eye damage/irritation**

No data available.

**Respiratory or skin sensitisation**

No data available. Data on substance: Cocamidopropyl Dimethylamine

Test: OECD Guideline 406

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

Data on substance: Cocamidopropyl Dimethylamine

**Reproductive toxicity**

Data on substance: Cocamidopropyl Dimethylamine

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

Data on substance: Cocamidopropyl Dimethylamine

**Aspiration hazard**

No data available.

**▼ Long term effects**

Neurotoxic effect: This product contains organic solvent, which can have an effect on the nerves system. Symptoms of neurotoxicity can be: Loss of appetite, headache, dizziness, whistle to the ears, tingeling sensation in the skin, sensitiveness to cold, cramps, difficulties concentrating, fatigues etc. The result of repeatedly exposure to organic solvents can be an erosion of the skins natural layer of fat. Afterwards the skin will be exposed to uptake of damaging substances such as allergens.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance	Species	Test	Test duration	Result
2-propyn-1-ol, propoxyleret i ...	Fish	LC50	96h	>100 mg/l

**12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
2-propyn-1-ol, propoxyleret i ...	Yes	DOC Die-Away Test	90-100%

**12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BFC
No data available.			

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

Non specific.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

The product should be treated as dangerous waste.

**Waste**

EWC code  
200129

**Specific labelling**

-

**Contaminated packing**

Get at once rid of wrappings, which contains leftovers from the product (the same way as the product).

**SECTION 14: Transport information**

Non dangerous goods, referring to ADR and IMDG.

**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
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#### 14.5. Environmental hazards

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#### 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

##### 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

R22 - Harmful if swallowed.

R41 - Risk of serious damage to eyes.

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R36/38 - Irritating to eyes and skin.

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H332 - Harmful if inhaled.

#### 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

jcs

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

07-10-2013

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

07-10-2013

