

# Safety data sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 21.04.2020 Supersedes edition of: 29.05.2018

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

### 1.1 Product identifier

Product name: Puritofix

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

Identified uses: Cleaner

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

Company: Otto Oehme GmbH  
Industriestraße 20  
D-90584 Allersberg Deutschland  
Tel. +49 9176 98050  
info@oehme-lorito.de

### 1.4 Emergency telephone number

GIZ Nord Poisons Centre, Göttingen Tel. +49 (0) 551 19240

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

This mixture is not classified as dangerous according to European Union legislation.

### 2.2 Label elements

*Labelling (Regulation (EC) No. 1272/2008)*

This product does not need to be labelled in accordance with EC regulation or respective national laws.

### 2.3 Other hazards

Not known.

## SECTION 3: Composition / information on ingredients

Solution in water.

*Hazardous components (Regulation (EC) No. 1272/2008)*

<i>Chemical name</i>				<i>Content</i>
<i>CAS-No.</i>	<i>EC-No.</i>	<i>EC-Index-No.</i>	<i>Classification</i>	
2-(2-Butoxyethoxy)ethanol				< 1 %
112-34-5	203-961-6	603-096-00-8	Eye Irrit. 2, H319	
REACH Registration Number: 01-2119475104-44				
(2-Methoxymethylethoxy)propanol				< 1 %
34590-94-8	252-104-2	---		

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REACH Registration Number: 01-2119450011-60

Ethanol < 1 %  
64-17-5 200-578-6 603-002-00-5 Flam. Liq. 2, H225  
Eye Irrit. 2, H319

REACH Registration Number: 01-2119457610-43

Full text of hazard statements: See under section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

After inhalation: Fresh air. Call in physician if feeling unwell.

After skin contact: Wash off with plenty of water. Remove contaminated clothing. Consult a physician if skin irritations occur.

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist if eye irritations occur.

After swallowing: Make victim drink plenty of water (two glasses at most), avoid vomiting. Call in physician.

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

No information available.

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

No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### *Suitable extinguishing media*

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### *Unsuitable extinguishing media*

For this substance / mixture no limitations of extinguishing agents are given.

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

Not Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

### 5.3 Advice for firefighters

#### *Special protective equipment for firefighters*

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

#### *Further information*

Prevent fire-fighting water from entering surface water or groundwater.

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## SECTION 6: Accidental release measures

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

Caution: Risk of slipping.

Do not inhale vapours/aerosols. Avoid substance contact. Use personal protective equipment as required, see section 8.2. Ensure supply of fresh air in enclosed rooms. In case of inadequate ventilation wear respiratory protection.

### 6.2 Environmental precautions

Do not get undiluted into sewerage system.

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

Take up with incombustible liquid-absorbent material. Forward for disposal. Clean up affected area.

### 6.4 Reference to other sections

Indications about waste treatment see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

*Notes for safe handling*

Ensure adequate ventilation. Avoid contact with skin and eyes. Do not inhale vapours/aerosols. Avoid generation of vapours/aerosols. See section 8.

*Notes for prevention of fire and explosion*

Not required.

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

Store cool above 5 °C. Keep away from sun and heat.

Tightly closed in a well-ventilated place.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

*2-(2-Butoxyethoxy)ethanol*

ECTLV

Name	2-(2-Butoxyethoxy)ethanol
Limit value 8 hours	10 ppm 67.5 mg/m <sup>3</sup>

Short term (< 15 min.)	15 ppm 101.2 mg/m <sup>3</sup>
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EH40 WEL

Name	2-(2-Butoxyethoxy)ethanol
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Short term exposure limit (STEL) 15 ppm  
101.2 mg/m<sup>3</sup>

Time weighted average (TWA) 10 ppm  
67.5 mg/m<sup>3</sup>

*(2-Methoxymethylethoxy)propanol*

ECLTV

Name (2-Methoxymethylethoxy)propanol  
Limit value 8 hours 50 ppm  
308 mg/m<sup>3</sup>

*(2-Methoxymethylethoxy)propanol*

EH40 WEL

Name (2-Methoxymethylethoxy)propanol  
Time weighted average (TWA) 50 ppm  
308 mg/m<sup>3</sup>

*Ethanol*

EH40 WEL

Name Ethanol  
Time weighted average (TWA) 1000 ppm  
1920 mg/m<sup>3</sup>

## 8.2 Exposure controls

### *Individual protection measures*

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

### **Eye / face protection:**

Eye protection (EN 166) recommended.

### **Hand protection:**

Material: Nitrile rubber.

Thickness: 0.1 mm

Breakthrough time: > 480 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 374, e.g. Franz Mensch Nitrile Safe Premium.

This recommendation applies only to the product stated in the safety data sheet supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves.

### **Respiratory protection:**

Required when vapours/aerosols are generated. Filter A2 P2 (EN 14387).

### *Hygiene measures*

Change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	perfumed
pH value	~ 10
Melting point	not specified
Boiling point	not specified
Ignition temperature	not applicable
Flash point	not applicable
Explosion limits	lower upper
Density (20 °C)	~ 1.0 g/cm <sup>3</sup>
Solubility in water	miscible

### 9.2 Other information

None.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

See section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Quantitative data on the toxicity of this product are not available.

### 11.2 Further information

Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

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**SECTION 12: Ecological information****12.1 Toxicity**

Quantitative data on the ecological effect of this product are not available.

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

**12.6 Other adverse effects**

*Additional ecological information:*

Do not allow to enter waters, waste water, or soil!

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

*Product:*

Chemicals must be disposed of in compliance with the respective national regulations.

Code of the waste

200129\*

070601\*

Name according to directive 2000/532/EC:

detergents containing dangerous substances.

aqueous washing liquids and mother liquors.

*Packaging:*

Product packaging must be disposed of in compliance with the country-specific regulations or must be to a packaging return system.

**SECTION 14: Transport information**

Not classified as dangerous in the meaning of transport regulations.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture**

*EU regulations*

Ingredients according to Regulation (EC) on detergents No. 648/2004:

Non-ionic surfactants: Less than 5 %

Anionic surfactants: Less than 5 %

Phosphates: Less than 5 %

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Benzisothiazolinone, Methylisothiazolinone  
Perfumes.

### **15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

### **SECTION 16: Other information**

*Reason for alteration:*

SECTION 6: Accidental release measures

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

SECTION 13: Disposal considerations

*Full text of hazard statements referred to under sections 2 and 3:*

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.*