

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

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

1. name of the substance/mixture and of the company/undertaking

1.1 Product identifier: Pore-tight

1.2 Relevant identified uses of the substance / uses advised against:
Pore filler / none

1.3. details of the supplier providing the safety data sheet.

Company name: edelundstein GmbH
Address: Einsteinstraße 12
Location and country: 33104 Paderborn
GERMANY
Tel. : +49 5254 / 933 07 31
Fax: +49 5254 / 933 07 33

E-mail of the competent person,
the information required for the safety data sheet
is responsible for: info@edel-und-stein.com

1.4. emergency number

For urgent information / technical information contact: Dr Felix Ferlemann +49 170 / 736 29 24.

SECTION 2: Potential hazards

2.1 Classification of the substance

Classification according to Regulation (EC) 1272/2008:
Not dangerous

2.2 Marking elements

Hazard labelling according to Regulation (EC) 1272/2008:
none /The product does not require labelling.

2.3 Other hazards

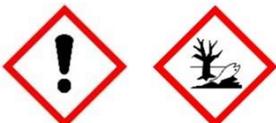
None known

SECTION 3: Composition/Information on ingredients

3.1. fabric

Description:
Aqueous emulsion.

<u>Product identifiers</u>	<u>Substance name</u>	<u>/ Classification</u>
<u>according to Regulation (EC) No 1907/2006</u>	<u>Content</u>	
CAS No.: 34590-94-8 EC No: 252-104-2	(2-Methoxymethylethoxy-)Propanol<	10 %
REACH-Nr.:	01-2119450011-60	
CAS No: 157627-86-6 EC No.: --- REACH-No.: ---	Alcohols, C13-C15 - branched and linear, ethoxylated (*) Eye Dam. 2, Aquatic Acute 1, Aquatic Chronic 3	< 5 %



Danger: H319 - H400 - H412

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

(*) A registration number for this substance is not available because the substance or its use is exempted from registration under Article 2 of Regulation (EC) No 1907 / 2006 (REACH), the annual tonnage does not require registration or the registration is planned for a later date.

Wording of the hazard statements under section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:

Provide fresh air. If necessary, consult a doctor.

After skin contact:

Wash off with plenty of water. Remove contaminated clothing. In case of skin irritation, seek medical advice.

After eye contact:

Rinse with plenty of water with the eyelids open. If necessary, consult an ophthalmologist.

After ingestion:

Drink plenty of water (max. 2 glasses), do not induce vomiting, consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3. indications for immediate medical help or special treatment

No information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Match to the surrounding fire.

Unsuitable extinguishing media:

There are no extinguishing agent restrictions for this mixture.

5.2 Special hazards arising from the substance or mixture

The product itself does not burn. In case of fire, hazardous gases or vapours may be produced.

5.3 Advice for fire fighting

Special protective equipment for fire fighting:

Stay in the danger zone only with self-contained breathing apparatus.

Other notes:

Prevent extinguishing water from entering surface water or groundwater.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Observe danger of slipping. Do not inhale vapours / aerosols. Avoid contact with substances. Use prescribed personal protective equipment, see section 8.2. Provide fresh air in closed rooms. In case of insufficient Ventilation Wear respiratory protection.

6.2 Environmental protection measures

Do not allow to enter drains.

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. diatomaceous earth, universal binder). Dispose of. Clean up afterwards.

6.4 Reference to other sections

See section 13.

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Instructions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Avoid contact with eyes and skin. Do not inhale vapours / aerosols. Avoid development of vapours / aerosols.

Notes on fire and explosion protection:

Not required.

7.2 Conditions for safe storage taking into account incompatibilities

Store in a cool, tightly closed, well-ventilated place, protected from frost at 4 - 32 °C. Protect from sunlight and heat.

7.3 Specific end uses

No end uses are foreseen other than those listed in section 1.2.

SECTION 8: Exposure controls/personal protective equipment

8.1 Parameters to be monitored

(2-Methoxymethylethoxy-)Propanol

EC

Values: 308 ml / m³
50 mg / m³

TRGS 900 AGW

Values: 50 ml / m³
310 mg / m³

Peak limit

Excess factor: 1 (l)

8.2 Exposure controls and monitoring

8.2.1 Personal protective equipment

General:

The design of body protection equipment should be selected according to the concentration and quantity of hazardous substances at the workplace. The chemical resistance of the protective means should be clarified with their suppliers.



Eye / face protection:

Safety goggles (EN 166) recommended.

Hand protection:

Material: Nitrile rubber
Material thickness: 0.1 mm
Breakthrough time: > 480 min

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

The protective gloves to be used must comply with the specifications of EC Directive 89 / 686 / EEC and the resulting standard EN 374. This recommendation only applies to the product named in the safety data sheet supplied by us and the intended use stated by us. In case of dissolving or mixing with other substances and in case of conditions deviating from EN 374, you must contact the supplier of CE-approved gloves.

Observe DGUV regulation 112-195 Use of protective gloves.

Respiratory protection:

In case of vapours / aerosols use filter A2 P2 (EN 14387). Observe DGUV regulation 112-190 Use of respiratory protective equipment.

Hygiene measures:

Change contaminated clothing. Apply skin protection as a preventive measure. Wash hands after finishing work.

SECTION 9: Physical and chemical properties

9.1. information on the basic physical and chemical properties

Physical state	liquid
Odour	characteristic
Colour	White

Safety-relevant basic data

pH value	8,6
Melting point	not determined
Boiling point	not determined
Ignition temperature	Not applicable
Flash point	not applicable
Density at 20 °C	~ 1.0 g / cm ³
Water solubility	miscible
Explosive properties	none

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 normal ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

Reacts strongly with oxidising agents.

10.4 Conditions to avoid

Strong heating.

10.5 Incompatible materials

Acids, caustics, halogens, alkalis, reactive chemicals, strong oxidising agents

10.6 Hazardous decomposition products

See section 5

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

SECTION 11: Toxicological information

11.1 Toxicological effects

Acute oral toxicity:

LD50 rat: > 5000 mg / kg (third party safety data sheet; (2-methoxymethylethoxy-)propanol)
LD50 rat: > 2000mg / kg (third party safety data sheet; alcohols, C13-C15 branched and linear, ethoxylated)

Acute dermal toxicity:

LD50 rabbit: > 19020 mg / kg (third party safety data sheet; (2-methoxymethylethoxy-)propanol)
LD50 rat: > 2000 mg / kg (OECD 402; alcohols, C13-C15 branched and linear, ethoxylated)

Acute inhalation toxicity:

LC50 rat: No mortality / 7 h (third party safety data sheet; (2-methoxymethylethoxy-)propanol)

Skin irritation:

Irritation is possible with direct contact.

Rabbit: non-irritant (third party safety data sheet; (2-methoxymethylethoxy-)propanol),
Rabbit: non-irritant (OECD 404; alcohols, C13-C15 branched and linear, ethoxylated)

Eye irritation:

Irritation is possible with direct contact.

Rabbit
(Draize test): non-irritant (Foreign Material Safety Data Sheet; (2-methoxymethylethoxy-)propanol) ,
Rabbit: non-irritant (OECD 405; alcohols, C13-C15 branched and linear, ethoxylated)

Sensitisation:

Human (patch test): negative (IUCLID; (2-methoxymethylethoxy-)propanol)

Genotoxicity in vitro:

Ames test: negative (IUCLID; (2-methoxymethylethoxy-)propanol)

Specific target organ toxicity:

The substance or mixture is not classified as a target organ toxicant by single or repeated exposure.

Aspiration hazard:

No classification.

11.2 Further information

Further hazardous properties cannot be excluded. The product has been tested with the
Handle with care.

SECTION 12: Environmental information

12.1 Toxicity

towards fish:

Poecilia reticulata LC50: > 1000 mg / l / 96 h (OECD 203; (2-methoxymethylethoxy-)propanol)
Brachydano rerio LC50: > 1 - 10 mg / l / 96 h (External safety data sheet; alcohols, C13-C15 branched and linear, ethoxylated)

towards daphnia and other aquatic invertebrates:

Daphnia magna EC50: 1919 mg / l / 48 h (External safety data sheet; (2-methoxymethylethoxy-)propanol)
Daphnia sp. EC50: 0,1 - 1 mg / l / 48 h (Directive 79 / 831 / EEC; alcohols, C13-C15 branched and linear, ethoxylated)

towards algae:

Pseudokirchneriella
subcapitata EC50: > 969 mg / l / 96 h (OECD 201; (2-methoxymethylethoxy-)propanol)
Scenedesmus
subspicatus EC50: 0.1 - 1 mg / l / 72 h (OECD 201; alcohols, C13-C15 branched and linear, ethoxylated)

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

against bacteria:

Pseudomonas putida EC10: 4168 mg / l / 18 h (IUCLID; (2-methoxymethylethoxy) propanol)

Pseudomonas putida EC10: > 10000 mg / l / 16 h (Foreign Material Safety Data Sheet, alcohols, C13-C15 branched and linear, ethoxylated)

12.2 Persistence and degradability

The surfactants contained in this preparation meet the conditions of biodegradability as laid down in Regulation (EC) No 648 / 2004 on detergents. Documents confirming this are kept at the disposal of the competent authorities of the Member States and are made available to them on request or upon request via a detergent manufacturer.

Biodegradability: 75 % / 28 d (OECD 301; (2-methoxymethylethoxy-)propanol)

easily biodegradable (2-methoxymethylethoxy-)propanol)

Biodegradability: 90 - 100 % (OECD 301A; alcohols, C13-C15 branched and linear, ethoxylated)

Biodegradability: > 90 (OECD 303A; Alcohols, C13-C15 branched and linear, ethoxylated)

readily biodegradable (alcohols, C13-C15 branched and linear, ethoxylated)

Biochemical oxygen demand (BOD)

1290 mg / g (External safety data sheet; alcohols, C13-C15 branched and linear, ethoxylated)

Chemical oxygen demand (COD)

2660 mg / g Foreign Material Safety Data Sheet; alcohols, C13-C15 branched and linear, ethoxylated)

12.3 Bioaccumulative potential

Partition coefficient n-octanol / water:

log Pow: < 0.001 (25 °C) (OECD 107; (2-methoxymethylethoxy-)propanol)

Bioaccumulation is not expected (Material Safety Data Sheet; (2-methoxymethylethoxy-)propanol / alcohols, C13-C15 branched and linear, ethoxylated).

12.4 Mobility in soil

No information available.

12.5 Results of the PBT and vPvB assessment

Not relevant

12.6 Other adverse effects

Further information on ecology:

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

SECTION 13: Disposal instructions

13.1 Waste treatment processes

13.1.1 Disposal of the product / packaging

Waste / Residuals:

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

Waste code: Designation according to AVV and 2000 / 532 / EC

200129*: Cleaning agents containing hazardous substances.

070601*: Aqueous washing liquids and mother liquors

Packaging material:

Packaging must be disposed of in accordance with the respective country-specific regulations or handed over to take-back systems.

Waste code: Designation according to AVV and 2000 / 32 / EC

200139: Plastics

Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Pore-tight
Status 08.2018

SECTION 14: Transport information

No dangerous goods within the meaning of the transport regulations

SECTION 15: Legislation

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

15.1.1 EU regulations

Ingredients according to Detergent Regulation 648 / 2004 / EC:

Non-ionic surfactants: < 5 %

Benzisothiazolinones, Methylisothiazolinones

15.1.2 National regulations

Ordinance on Hazardous Substances: 3rd and 4th sections General and supplementary protective measures Detergents and Cleaning Agents Act

TRGS 500 Protective measures: Minimum standards

DGUV:

Regulation 1 Principles of prevention

Rules 112-195 (Use of protective clothing, respirators, eye and face protection, protective gloves)

Water hazard class1 (slightly hazardous to water, AwSV, Annex 1 (5.2))

Storage class TRGS 510: 10 - 13

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product.

SECTION 16: Other information

16.1 Changes compared to the last version:

Section 3: Composition / information on ingredients

Section 11: Toxicological information

Section 12: Environmental information

16.2 Full text of the hazard statements listed in sections 2 and 3.

H319 Causes severe eye irritation.

H400 Very toxic to aquatic organisms.

H412 Harmful to aquatic life with long lasting effects.

16.3 Additional notes

The information in this safety data sheet is based on our present knowledge and is intended to describe the product with regard to the safety precautions to be taken. They do not constitute a guarantee of the properties of the product described. Existing laws and regulations must be observed by the recipient of our product at his own responsibility.