

Safety data sheet

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

edelundstein duo wax
Status 08.2018

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

1.1 Product identifier

Designation Duowax

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

Relevant identified uses

Mixture, Sealer, Emulsions/Dispersions

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 9330731
Fax + +49 5254 9330733

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

1.4. emergency number

For urgent information contact; Technical information: Dr Felix Ferlemann +49 170 / 7362924

SECTION 2. possible hazards

2.1 Classification of the substance or mixture.

Classification according to Regulation (EC) 1272/2008 (CPL)

None

2.2 Marking elements.

None

2.3 Other hazards.

None

SECTION 3. composition/information on ingredients

3.1 Mixtures.

Hazardous ingredients

None.

3.2 Additional notes

All ingredients of this mixture have been (pre-)registered according to the REACH Regulation.

SECTION 4. first aid measures

4.1 Description of first aid measures.

EYES:

Any contact lenses must be removed. Wash immediately and thoroughly with water for at least 15 minutes, opening the eyelids well. If the problem persists, consult a doctor.

SKIN:

Soiled, soaked clothing must be taken off. Wash off immediately and thoroughly with water. If the irritation persists, consult a doctor. Soiled clothing should be washed before reuse.

INHALATION:

The affected person should be carried outside. If breathing is labored, seek medical advice.

INCLUSION: A doctor must be consulted immediately. Vomiting must only be induced on the instructions of the doctor. Nothing should be given orally without a doctor's order or if the person is unconscious.

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

There is no information available.

Safety data sheet

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

edelundstein duo wax
Status 08.2018

4.3. indications for immediate medical help or special treatment.

There is no information available.

SECTION 5. fire-fighting measures

5.1 Extinguishing media.

SUITABLE EXTINGUISHING AGENTS

Water, alcohol-resistant foam ABC powder Carbon dioxide (CO₂) Water spray

UNSUITABLE EXTINGUISHING AGENTS

Full water jet, Sharp water jet

5.2 Special hazards arising from the substance or mixture.

Carbon monoxide Carbon dioxide (CO₂)

5.3 Advice for fire fighting.

GENERAL INFORMATION

The containers shall be cooled with water jets to prevent the decomposition of the product and the formation of potentially harmful substances.

prevent. Complete fire protection clothing must be worn at all times. Extinguishing water that is not allowed to enter the sewage pipes shall be collected. The water used for extinguishing and the fire residues shall be collected in accordance with the regulations in force.

PERSONAL PROTECTIVE EQUIPMENT

Normal firefighting clothing, e.g. an open-circuit compressed air respirator (EN 137) firefighting kit (EN469), firefighting gloves (EN 659) and firefighting boots (HO A 29 or A30).

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures.

Avoid formation of dust by spraying water on the product if there are no contraindications. Vapours / mists / gases must not be inhaled. Appropriate protective equipment (including personal protective equipment as per para. 8 from the safety data) shall be put on to prevent contamination of skin, eyes and personal clothing. These instructions apply to both reprocessing supervisors and emergency stop interventions.

6.2 Environmental protection measures.

Prevent the product from entering waste water, surface water, ground water.

6.3 Methods and material for containment and cleaning.

For cleaning

Suitable material to pick up: Universal binder

Other information

Clean up spills immediately.

6.4 Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1 Protective measures for safe handling.

Do not handle the product until you have read all other sections of this safety sheet. Avoid dispersal of the product in the environment. Do not eat, drink or smoke when using the product.

7.2 Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed. Keep/store only in the original container

Information on storage in one place

Storage class (TRGS 510):

12

EN-MSDS-10.8 Duowax

Page 2 from 7

Safety data sheet

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

edelundstein duo wax
Status 08.2018

Recommended storage temperature: 5 - 25 °C

Further information on storage conditions

Keep locked up and out of reach of children. Keep container tightly closed and store in a cool, well-ventilated place.

7.3 Specific end uses.

Recommendation

Observe the technical data sheet. Follow the instructions for use.

SECTION 8. Exposure controls/personal protective equipment

8.1 Parameters to be monitored.

Working limits

2-(2-ETHOXYETHOXY)ETHANOL ; CAS No. : 111-90-0

Limit value type (country of origin): TRGS 900 (D)

Limit value: 6 ppm / 35 mg/m³

Peak limit: 2(l)

Remark: Y

Version: 04.11.2017

8.2 Exposure controls and monitoring.

Considering that appropriate protective measures should always take precedence over personal protective clothing, provide for good ventilation of the workplace through effective local exhaust ventilation. Personal protective clothing shall comply with the applicable regulations specified below.

HAND PROTECTION

Protect the hands with category II work gloves (see Directive 89/688/EEC and standard EN 374) made of PVC, neoprene, nitrile or equivalent. For a definitive choice of material for the work gloves, the following aspects must be included: Wear, tear resistance and permeability. For homemade gloves, the resistance of the work gloves must be tested before use, as it is not predictable. The gloves have a certain wear time, which depends on the exposure.

EYE PROTECTION/FACE PROTECTION

Normally no personal eye/face protection required. Eye/face protection required for: Splashes, contact with eyes, spraying procedures. Wear a visor bonnet or visor in combination with hermetic goggles (see standard EN 166).

SKIN PROTECTION

Wear work clothing with long sleeves and category II accident protection footwear (see directive 89/686/EEC and standard EN 344). Wash with soap and water after removing protective clothing.

ATEM PROTECTION

Normally no personal respiratory protection necessary. Respiratory protection is required in case of: inadequate ventilation aerosol or mist formation. high concentrations spraying method.

Suitable breathing apparatus

Combination filter unit (EN 14387) Half mask (DIN EN 140) ABEK-P1

Comment

Only use respirators with a CE mark including a four-digit test number. The wearing time limits according to GefStoffV in connection with the rules for the use of respiratory protective equipment (BGR 190) must be observed.

General protection and hygiene measures

Minimum standards for protective measures when handling working substances are listed in TRGS 500. Do not eat, drink, smoke or sniff at the workplace. Avoid contact with skin, eyes and clothing. Immediately remove soiled, saturated clothing. Wash soiled clothing before reuse. Wash hands before breaks and at the end of work. Use skin care products after work.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties.

Appearance : liquid

colour : white

Odour : unspecific

Safety-relevant basic data

Safety data sheet

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

edelundstein duo wax
Status 08.2018

Freezing point :	(1013 hPa)	approx. -1°C	
Initial boiling point and boiling range :	(1013 hPa)	approx. 99°C	
Decomposition temperature :	(1013 hPa)	not determined	
Flash point :		not applicable	closed cup
Ignition temperature :		not determined	
Continued combustibility		No	UN Test L2:Sustained combustibility test
Lower explosion limit :		not determined	
Upper explosion limit :		not determined	
Vapour pressure :	(50 °C)	< 3000hPa	
Density :	(20 °C)	approx. 1g/cm3	Pycnometer
Solvent separation test :	(20 °C)	< 3%	
Solubility in water	(20 °C)	emulsifiable	
pH value :		approx. 8	
log P O/W :		not determined	
Run-down time :	(23 °C)	< 15s	ISO cup 4 mm
Odour threshold :		not determined	
Evaporation rate :		not determined	
VOC-FR		A+	

9.2 Other information.

Data not available.

SECTION 10. Stability and reactivity

10.1 Reactivity.

No special reaction hazards with other substances under normal conditions of use.

10.2 Chemical stability.

The product is stable under normal processing and storage conditions.

10.3 Possibility of hazardous reactions.

Under normal conditions of use and storage, no hazardous reactions are foreseen.

10.4 Conditions to avoid.

No hazardous reactions occur if handled and stored as intended.

10.5 Incompatible materials.

Data not available.

10.6 Hazardous decomposition products.

Does not decompose in the intended use.

SECTION 11. Toxicological information

11.1 Information on toxicological effects.

Specific symptoms in animal experiments

No data available

Irritation and corrosivity

Assessment/grading

Causes severe eye damage. Causes severe burns.

CMR effects (carcinogenic, mutagenic and toxic for reproduction)

Carcinogenicity

No evidence of carcinogenicity in humans.

Germ cell mutagenicity

In vivo mutagenicity

Other information

No experimental evidence of in vivo mutagenicity available.

Human toxicological data

EN-MSDS-10.8 Duowax

Safety data sheet

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

edelundstein duo wax
Status 08.2018

Other information

No evidence of germ cell mutagenicity in humans available.

Reproductive toxicity

Experiences from the field/ with people

No evidence of reproductive toxicity in humans available.

Summary assessment of the CMR properties

The ingredients of this mixture do not meet the criteria for CMR categories 1A or 1B according to CLP.

SECTION 12. Environmental information

12.1 Toxicity.

Sediment toxicity

Toxicity to soil organisms
Acute earthworm toxicity
Chronic earthworm toxicity (reproduction)
Long-term toxicity for organisms living in the sediment

Behaviour in sewage treatment plants

Observe local drainage regulations.

12.2 Persistence and degradability.

No data available

Abiotic degradation

Abiotic degradation in water
Hydrolysis

Biodegradation

No data available

12.3 Bioaccumulative potential.

Data not available.

12.4 Mobility in soil.

Data not available.

12.5 Results of PBT and vPvB assessment.

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

12.6 Other adverse effects.

Data not available.

12.7 Additional ecotoxicological information

Additional information

The product has not been tested.

SECTION 13. Disposal instructions

13.1 Waste treatment processes.

Dispose of in accordance with official regulations.

Disposal of the product/packaging

Waste codes/waste designations according to EWC/AVV

Waste code Product

Waste code (91/689/EEC) : 07 01 99

Waste treatment solutions

29/35 - Do not discharge into drains; waste and containers must be disposed of in a safe manner.
become.

Proper disposal / packaging

Contaminated packaging must be emptied completely and can be reused after appropriate cleaning. Packaging that cannot be cleaned must be disposed of.

13.2 Additional information

These key numbers have been assigned based on the most common uses of this material, which may disregard pollutant formation in actual use.

Safety data sheet

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

edelundstein duo wax
Status 08.2018

SECTION 14. Transport information

14.1 UN number

Not a dangerous good in the sense of these transport regulations.

14.2 UN proper shipping name

Not a dangerous good in the sense of these transport regulations.

14.3 Transport hazard classes

Not a dangerous good in the sense of these transport regulations.

14.4 Packing group

Not a dangerous good in the sense of these transport regulations.

14.5 Environmental hazards

Not a dangerous good in the sense of these transport regulations.

14.6 Special precautions for the user

None

SECTION 15 Legislation

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

EU regulations

REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (clp) Directive 2008/98/EC of the European Parliament and of the Council on waste (2000/532/EC) EN 2:1992 (DIN EN 2:2005-01; fire classes)

Other EU rules

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. (DIRECTIVE 2000/39/EC, DIRECTIVE 2006/15/EC, DIRECTIVE 2009/161/EU)

National regulations

The national legal regulations must also be observed! TRGS 510

Water hazard class (WGK)

Class : 1 (slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibitions

Ordinance on Industrial Safety and Health (BetrSichV)

No flammable liquid according to BetrSichV.

VOCV Ordinance (CH)

Maximum VOC content (Switzerland) : < 3 wt% according to VOCV

15.2 Chemical safety assessment.

No chemical assessment of the mixture and substances contained therein carried out.

SECTION 16. other information

16.1. amendment notes

None

16.2 Abbreviations and acronyms

None

16.3 Important literature references and data sources

None

16.4 Classification of mixtures and assessment method used according to Regulation (EC)

No. 1272/2008 [CLP]

There is no information available.

16.5 Wording of H and EUH phrases (number and full text)

None

16.6 Training instructions

None

16.7 Additional information

None

Safety data sheet

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

edelundstein duo wax
Status 08.2018

The information provided in this safety data sheet is correct to the best of our knowledge at the time of printing. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or is subjected to treatment, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.
