

# Safety data sheet

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

edelundstein Wipe Care for DUO Wax  
Status 08.2018

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

### 1.1 Product identifier

Article description edelundstein Wipe Care for DUO Wax

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

Emulsion concentrate  
Stone primer

### 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](mailto:info@edel-und-stein.com)  
responsible for the safety data sheet.

### 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

According to European Union legislation, this substance is not classified as hazardous.

### 2.2 Marking elements

Labelling (Regulation (EC) No 1272/2008)  
The product does not require labelling according to Regulation (EC) No 1272/2008.

### 2.3 Other hazards

None known.

## SECTION 3. composition/information on ingredients

Aqueous emulsion.

### Hazardous ingredients (Regulation (EC) No 1907/2006)

Chemical name	EC-No.	EC Index No.	Classification according to EC Regulation	Content
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2-(2-Ethoxyethoxy)ethanol	111-90-0203-919-7			
REACH registration number: 01-2119475105-42				

## SECTION 4. first aid measures

### 4.1 Description of first aid measures

**After inhalation:** Supply fresh air, seek medical advice if necessary.  
**After skin contact:** Wash off with plenty of water. Remove contaminated clothing. In case of skin irritation, seek medical advice.  
**After eye contact:** Rinse opened eye with plenty of water. Consult an ophthalmologist.  
**After ingestion:** Make the person drink plenty of water (maximum 2 drinking glasses), do not induce vomiting, call a doctor.

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## 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 agents  
Adjust to the environment.

Unsuitable extinguishing agents  
There are no extinguishing agent restrictions for this mixture.

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

Non-flammable. In case of fire, formation of dangerous fire gases or vapours possible.

### 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

Note the danger of slipping.  
Do not inhale vapours/aerosols. Avoid contact with the substance. Use prescribed personal protective equipment, see section 8.2.  
Provide fresh air in closed rooms. Wear respiratory protection if ventilation is inadequate.

### 6.2 Environmental protection measures

Do not allow to enter drains.

### 6.3 Methods and material for retention and cleaning

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

### 6.4 Reference to other sections

For disposal instructions, see section 13.

## SECTION 7. Handling and storage

### 7.1 Protective measures for safe handling

Notes on 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 place, above +5°C. Protect from sunlight and heat.  
Tightly closed, in a well-ventilated place.

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2, no other end uses are foreseen.

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## SECTION 8. Exposure controls/personal protective equipment

### 8.1 Parameters to be monitored

2-(2-Ethoxyethoxy)ethanol  
TRGS 900 AGW

Name 2-(2-Ethoxyethoxy)ethanol  
Values 6 ml/m<sup>3</sup>  
35 mg/m<sup>3</sup>

Peak limitation/Overrun factor : 2(l)

Fertility damagingY : Substances for which there is a risk of fertility damage if the occupational exposure limit value (OEL) is complied with.

and the biological limit value (BRL) need not be feared.

### 8.2 Exposure controls and monitoring

#### Individual protection measures

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

The protective gloves to be used must meet the specifications of EC Directive 89/686/EEC and the resulting standard EN 374, e.g. Franz Mensch Nitril Safe Premium. This recommendation only applies to the product named in the safety data sheet supplied by us and the intended use stated by us. When dissolving in or mixing with other substances and for conditions deviating from EN374, you must contact the supplier of CE-approved gloves.

Observe DGUV regulation 112-195 Use of protective gloves.

#### Respiratory protection:

Required when vapours/aerosols occur. Filter A2 P2 (EN 14387).  
Observe DGUV regulation 112-190 Use of respiratory protective equipment.

#### Hygiene measures

Change contaminated clothing. Preventive skin protection. Wash hands after finishing work.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form : liquid  
colour : white  
Odour : characteristic

ph-value : ~8.5  
Melting temperature not determined  
Boiling temperature Not determined  
Ignition temperature Not applicable  
Flash point not applicable  
Explosion limits lower not applicable  
Upper not applicable  
Density (20°C) ~1.0 g/cm<sup>3</sup>  
Solubility in water miscible

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## 9.2 Other information

None.

## SECTION 10. Stability and reactivity

### 10.1 Reactivity

See section 10.3

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

Exothermic reaction with: strong oxidising agents.

Violent reactions possible with: Metals, acids, acid chlorides, acid anhydrides.

### 10.4 Conditions to avoid

Strong heating.

### 10.5 Incompatible materials

Oxidising agents, strongly acidic and alkaline materials.

Aluminium, copper, synthetic and natural resins.

### 10.6 Hazardous decomposition products

See section 5.

## SECTION 11. Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity

LD50 rat: >5000 mg/kg (IUCLID; tris(2-butoxyethyl)phosphate)

LD50 rat: 5500 mg/kg (third party safety data sheet; 2-(2-ethoxyethoxy)ethanol)

Acute dermal toxicity

LD50 rat: >5000 mg/kg (IUCLID; tris(2-butoxyethyl)phosphate)

LD50 rat: 6000 mg/kg (third party safety data sheet; 2-(2-ethoxyethoxy)ethanol)

Acute inhalation toxicity

LC50 rat: >6.4 mg/l/4 h (third party safety data sheet; tris(2-butoxyethyl)phosphate)

Skin irritation

Non-irritant (third party safety data sheet; tris(2-butoxyethyl)phosphate)

Rabbit: Non-irritant (IUCLID; 2-(2-ethoxyethoxy)ethanol).

Eye irritation

Non-irritant (third party safety data sheet; tris(2-butoxyethyl)phosphate)

Rabbit: Mild irritation (IUCLID; 2-(2-ethoxyethoxy)ethanol).

Sensitisation

Guinea pig: Negative (extraneous safety data sheet; 2-(2-ethoxyethoxy)ethanol).

Genotoxicity in vitro

Bacterial mutagenicity: Salmonella thyphimurium: Negative (national toxicology program; 2-(2-ethoxyethoxy)ethanol).

Specific target organ toxicity-single exposure

The substance or mixture is not classified as target organ toxicant, single exposure.

Aspiration hazard

No classification in relation to aspiration toxicity.

### 11.2 Further information

Further hazardous properties cannot be excluded. The product should be handled with the usual caution to handle.

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## SECTION 12. Environmental information

### 12.1 Toxicity

Toxicity towards fish

Salmo gairdnerii LC50: 13400 mg/l/96 h (IUCLID; 2-(2-ethoxyethoxy)ethanol).

Toxicity to daphnia and other aquatic invertebrates

Daphnia magna: EC50: 75 mg/l/48 h (IUCLID; tris(2-butoxyethyl)phosphate)

Daphnia magna: EC50: 3940-4670 mg/l/48 h (IUCLID; 2-(2-ethoxyethoxy)ethanol).

Toxicity towards bacteria

Pseudomonas putida EC10: 4000 mg/l/16 h (IUCLID; 2-(2-ethoxyethoxy)ethanol).

### 12.2 Persistence and degradability

Biodegradability: 87 % /28 d (OECD 301 B, Tris(2-butoxyethyl)phosphate)

Readily biodegradable (tris(2-butoxyethyl)phosphate).

Biodegradability: 90 % /28d (OECD 301 E, 2-(2-ethoxyethoxy)ethanol)

Readily biodegradable (2-(2-ethoxyethoxy)ethanol).

### 12.3 Bioaccumulative potential

Partition coefficient n-octanol / water: log P ow: -0.54 (Foreign Material Safety Data Sheet; 2-(2-ethoxyethoxy)ethanol).

Bioaccumulation is not expected (2-(2-ethoxyethoxy)ethanol).

### 12.4 Mobility in soil

No information available.

### 12.5 Results of the PBT and vPvB assessment

A PBT / vPvB assessment is not available as a chemical safety assessment is not required / has not been carried out.

### 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

Product:

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

Waste code  
070601\*

Designation according to AVV and 2000/532/EC  
Aqueous washing liquids and mother liquors.

Packing:

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

Waste code  
200139

Designation according to Avv and 2000/532/EC  
Plastics

## SECTION 14. Transport information

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

## SECTION 15 Legislation

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

EU regulations

Ingredients according to Detergents Regulation 648/2004/EC:

EN-MSDS-10.10 Wiping Care for DUO Wax

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Benzisothiazolinones, Methylisothiazolinones

### National regulations

Ordinance on Hazardous Substances 3rd and 4th section General and supplementary protective measures  
Detergents and Cleaning Agents Act  
TRGS 500 Protective measures: Minimum standards  
DGUV Regulation 1 Principles of Prevention  
DGUV Regulation 112-189 Use of protective clothing  
DGUV Regulation 112-190 Use of respiratory protective equipment  
DGUV Regulation 112-192 Use of eye and face protection  
DGUV Regulation 112-195 Use of protective gloves

Water hazard class 1 (slightly hazardous to water) VwVwS Anh. 4  
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

Reason for change

Section 2: Potential hazards

Section 3: Composition / information on ingredients

Section 6: Accidental release measures

Section 8 : Exposure controls / Personal protective equipment

Exposure controls: Hand protection

Section 15: Legislation

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The information is based on our current knowledge and serves 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.

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