

## 1 Identification of substance:

- **Product details:**
- **Trade name:** Grünbelag Entferner
- **Application of the substance / the preparation** Biocide
- **Manufacturer/Supplier:**  
WEPOS Chemie GmbH  
Textilstr. 2  
41751 Viersen  
Tel 0049-2162-266269-0 www.wepos-chemie.de  
Fax 0049-2162-266269-8 service@wepos-chemie.de
- **Informing department:** Research & Development
- **Emergency information:** Manufacturer




## 2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
R 52 Harmful to aquatic organisms.
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

68424-85-1	Quaternäre Ammoniumverbindungen, benzyl-C12-16-alkyldimethylchloride	< 5%
	 C,  Xn,  N; R 21/22-34-50	

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

nonionic surfactants, cationic surfactants	< 5%
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- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **General information**  
Instantly remove any clothing soiled by the product.  
No special measures required.
- **After inhalation**  
Seek medical treatment in case of complaints.  
Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing**  
Do not induce vomiting; instantly call for medical help.  
Rinse out mouth and then drink plenty of water.

## 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Dilute with much water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
- **Additional information:** No dangerous materials are released.

## 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Storage class** 10-13

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
Not required.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves** Rubber gloves
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.
- **Body protection:** Not required.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Clear
<b>Smell:</b>	Recognizable

### · Change in condition

**Melting point/Melting range:** 0 °C

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<b>Boiling point/Boiling range:</b>	100°C
· <b>Flash point:</b>	Not applicable
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive.
· <b>Steam pressure at 20 °C:</b>	23 hPa
· <b>Density at 20°C</b>	1 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible
· <b>pH-value at 20°C:</b>	6 - 7.5

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** No dangerous decomposition products known

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information:

- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 13 Disposal considerations

- **Product:**
- **Recommendation**  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packagings:**
- **Recommendation:**  
Packaging can be reused or recycled after cleaning.  
Dispose of packaging according to regulations on the disposal of packagings.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

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## 14 Transport information

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)  
· ADR/RID-GGVS/E Class: -
- Maritime transport IMDG/GGVSea:  
· IMDG/GGVSea Class: -
- Air transport ICAO-TI and IATA-DGR:  
· ICAO/IATA Class: -

## 15 Regulatory information

- **Designation according to EC guidelines:**  
Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Risk phrases:**  
52 Harmful to aquatic organisms.
- **Safety phrases:**  
2 Keep out of the reach of children.
- **National regulations**
- **Technical instructions (air):**

Class	Share in %
III	< 1
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

## 16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant R-phrases**  
21/22 Harmful in contact with skin and if swallowed.  
34 Causes burns.  
50 Very toxic to aquatic organisms.
- **Department issuing data specification sheet:** Department of Manufacture.
- \* **Data compared to the previous version altered.**