

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 22.04.2009

Revision: 17.12.2008

## 1 Identification of substance:

· **Product details:**

· **Trade name:** Dismozon® pur

· **SAP-Code:** EN R10228

· **Application of the substance / the preparation** Surface disinfectant

· **Manufacturer/Supplier:**

BODE Chemie GmbH  
Melanchthonstraße 27  
D-22525 Hamburg (Germany)  
Tel.: +49 (0)40 / 54 00 60

· **Informing department:**

KundenService-SiDa@bode-chemie.de

· **Emergency information:**

Giftnotruf Göttingen (Germany)  
24h-Tel.: +49 (0)551 / 1 92 40

## 2 Hazards identification

· **Hazard designation:**



*Xi Irritant*

· **Information pertaining to particular dangers for man and environment**

R 36/37/38 Irritating to eyes, respiratory system and skin.

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:**

CAS: 84665-66-7 EINECS: 279-013-0	Magnesium monoperoxyphthalate hexahydrate	C; R 34-52	50-100%
CAS: 68411-30-3 EINECS: 270-115-0	anionic surfactant	Xn; R 22	15-30%
CAS: 69011-36-5	nonionic surfactant	Xn,  Xi; R 22-41	1-5%

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

anionic surfactants	15 - 30%
non-ionic surfactants	< 5%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

(Contd. on page 2)

## Safety Data Sheet

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(Contd. of page 1)

- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
In case of persistent symptoms consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water.
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Avoid causing dust.
- **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:**  
Collect mechanically.  
Dilute with much water.  
Dispose of contaminated material as waste according to item 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Store in cool, dry place in tightly closed containers.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Maximum storage temperature:** 25°C

### 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**  
Avoid contact with the eyes and skin.  
Do not inhale dust / smoke / mist.  
Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
Impervious gloves.  
Only use chemical-protective gloves with CE-labelling of category 3.  
Check protective gloves prior to each use for their proper condition.

(Contd. on page 3)

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Revision: 17.12.2008

Trade name: **Dismozon® pur**

(Contd. of page 2)

After use of gloves apply skin-cleaning agents and skin cosmetics.

- **Material of gloves**

1. Nitrile rubber, NBR
2. Butyl rubber, BR

Recommended thickness of the material: 1. 0,4 mm / 2. 0,7 mm

- **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.

- **As protection from splashes gloves made of the following materials are suitable:**

1. Nitrile rubber, NBR
2. Butyl rubber, BR

- **Not suitable are gloves made of the following materials:**

- Natural rubber, NR  
PVA gloves

- **Eye protection:** Safety glasses.

### 9 Physical and chemical properties:

- **General Information**

<b>Form:</b>	Granulate
<b>Colour:</b>	White
<b>Smell:</b>	Characteristic

- **Change in condition**

**Melting point/Melting range:** not determined  
**Boiling point/Boiling range:** not determined

- **Flash point:** Not applicable

- **Self-inflammability:** product is not selfigniting

- **Danger of explosion:** product is not explosive

- **Density** not determined

- **Solubility in / Miscibility with**

**Water:** soluble

- **pH-value (5,0 g/l) at 20°C:** ca. 5,3

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.
- **Dangerous reactions** Reacts with reducing agents
- **Dangerous products of decomposition:** No dangerous decomposition products known.

### 11 Toxicological information

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**Dismozon pur (estimated value)**

Oral	LD50	> 2000 mg/kg (Ratte/rat/krysa)
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- **Primary irritant effect:**

- **on the skin:** Irritant for skin and mucous membranes.

(Contd. on page 4)

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Revision: 17.12.2008

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(Contd. of page 3)

- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

### 12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:**  
The product is easily biodegradable.  
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
- **Additional ecological information:** -

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated under adherence to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

### 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:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

- **Designation according to EC guidelines:**  
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV).
- **Code letter and hazard designation of product:**



Xi Irritant

(Contd. on page 5)

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(Contd. of page 4)

**· Risk phrases:**

36/37/38 Irritating to eyes, respiratory system and skin.  
52 Harmful to aquatic organisms.

**· Safety phrases:**

3 Keep in a cool place.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**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**

22 Harmful if swallowed.  
34 Causes burns.  
41 Risk of serious damage to eyes.  
52 Harmful to aquatic organisms.

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