

Safety data sheet

according to 1907/2006/EC, Article 31





Date of issue: 15.08.2011

Revision: 21.12.2010

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

- **Product identifier**
- **Trade name:** Dismozon pur
- **SAP-Code:** EN R10228
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Surface disinfectant
- **Details of the supplier of the safety data sheet**
- **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 telephone number:**
Giftnotruf Göttingen (Germany)
24h-Tel.: +49 (0)551 / 1 92 40

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 Xi; Irritant
 R36/37/38: Irritating to eyes, respiratory system and skin.
-  O; Oxidising
 R7: May cause fire.
- **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.
- **Label elements**
- **Labelling according to EU 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
 O Oxidising
- **Hazard-determining components of labelling:**
Magnesium monoperoxyphthalate hexahydrate
- **Risk phrases:**
 7 May cause fire.
 36/37/38 Irritating to eyes, respiratory system and skin.
- **Safety phrases:**
 3 Keep in a cool place.
 8 Keep container dry.
 17 Keep away from combustible material.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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




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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 84665-66-7 EINECS: 279-013-0	Magnesium monoperoxyphthalate hexahydrate  C R34;  Xn R20;  O R7  Org. Perox. EF, H242;  Skin Corr. 1B, H314;  Acute Tox. 4, H332	50-100%
CAS: 68411-30-3 EINECS: 932-051-8	anionic surfactant  Xi R36/38  Eye Dam. 1, H318; Skin Irrit. 2, H315	5-10%
CAS: 69011-36-5 EINECS: 931-138-8	nonionic surfactant  Xn R22;  Xi R41  Eye Dam. 1, H318;  Acute Tox. 4, H302	1-5%
· Regulation (EC) No 648/2004 on detergents / Labelling for contents		
anionic surfactants		15 - 30%
non-ionic surfactants		< 5%

4 First aid measures

- **Description of first aid measures**
- **General information** Get medical advice/attention.
- **After inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- **After skin contact** Wash with plenty of soap and water.
- **After eye contact** Rinse cautiously with water for several minutes.
- **After swallowing**
Rinse mouth.
Do NOT induce vomiting.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Avoid causing dust.
- **Environmental precautions:** Do not allow product to reach sewage system or water bodies.
- **Methods and material for containment and cleaning up:**
Dispose of contaminated material as waste according to item 13.
Collect mechanically.

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*Dilute with much water.***· Reference to other sections***See Section 8 for information on personal protection equipment.*

7 Handling and storage

· Handling**· Precautions 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.***· Conditions for safe storage, including any incompatibilities****· 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:** *Store in cool, dry conditions in well sealed containers.***· Maximum storage temperature:** *25°C*

8 Exposure controls/personal protection

· Additional information about design of technical systems: *No further data; see item 7.***· Control parameters****· 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.***· Exposure controls****· Personal protective equipment****· General protective and hygienic measures***The usual precautionary measures should be adhered to in handling the chemicals.**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.**Avoid contact with the eyes and skin.***· Breathing equipment:** *Not required.***· Protection of hands:***Impervious gloves.**Only use chemical-protective gloves with CE-labelling of category 3.**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. 0,4mm / 2. 0,7 mm***· 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:** *Tightly sealed safety glasses.*

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9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Granulate

Colour: White

- **Smell:** Characteristic

- **pH-value (5 g/l) at 20°C:** 5,3

- **Change in condition**

Melting point/Melting range: not determined

Boiling point/Boiling range: not determined

- **Flash point:** Not applicable

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

- **Density** not determined

- **Solubility in / Miscibility with**

Water: fully miscible

10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.

- **Possibility of hazardous reactions** Reacts with reducing agents

- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

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

84665-66-7 Magnesium monoperoxyphthalate hexahydrate

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	> 2000 mg/kg (rat)

- **Primary irritant effect:**

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

- **on the eye:** Irritant effect.

- **Sensitization:** No sensitizing effect known.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

LC50	68 mg/l (Leuciscus idus)
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- **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.

- **Ecotoxicological effects:**

- **Behaviour in sewage processing plants:**

- **Type of test Effective concentration Method Assessment**

EC20	390 mg/l (Belebtschlamm / activated sludge)
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- **Additional ecological information: -**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

13 Disposal considerations

- **Waste treatment methods**

- **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.

- **European waste catalogue**

16 05 08*	discarded organic chemicals consisting of or containing dangerous substances
16 03 05*	organic wastes containing dangerous substances
18 01 06*	chemicals consisting of or containing dangerous substances

- **Uncleaned packagings:**

- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**



- **ADR/RID-GGVS/E Class:** 5.2 (P1) Organic peroxides.

- **UN-Number:** 3108

- **Label** 5.2

- **UN proper shipping name:** 3108 ORGANIC PEROXIDE TYPE E, SOLID (Magnesium monoperoxyphthalate hexahydrate)

- **Maritime transport IMDG/GGVSea:**



- **IMDG/GGVSea Class:** 5.2

- **UN Number:** 3108

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- **Label** 5.2
- **EMS Number:** F-J,S-R
- **Marine pollutant:** No
- **Segregation groups** Peroxides
- **Correct technical name:** ORGANIC PEROXIDE TYPE E, SOLID (Magnesium monoperoxyphthalate hexahydrate)

· **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 5.2
- **UN/ID Number:** 3108
- **Label** 5.2
- **Correct technical name:** ORGANIC PEROXIDE TYPE E, SOLID (Magnesium monoperoxyphthalate hexahydrate)
- **Remarks:**
 - passanger: no single packing permits.
 - air freighter: no single packing parmits.

- **Special precautions for user** Warning: Organic peroxides.

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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 phrases**

- H242 Heating may cause a fire.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
-
- R20 Harmful by inhalation.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R36/38 Irritating to eyes and skin.
- R41 Risk of serious damage to eyes.
- R7 May cause fire.

- *** Data compared to the previous version altered.**