

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 10.12.2008

Revision: 10.12.2008

## 1 Identification of substance:

- **Product details:**
- **Trade name:** Dismoclean® 25 acid
- **SAP-Code:** EN R10188
- **Application of the substance / the preparation** pH-corrective agent
- **Manufacturer/Supplier:**  
BODE Chemie GmbH & Co. KG  
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 Irritating to eyes.
- **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: 77-92-9	citric acid	Xi; R 36	25-50%
EINECS: 201-069-1			

- **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.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water.

## 5 Fire fighting measures

- **Suitable extinguishing agents** Water
- **Protective equipment:** No special measures required.

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### 6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:** Do not allow product to reach sewage system or water bodies.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Open and handle container with care.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from heat and direct sunlight.  
Store under dry conditions.
- **Recommended storage temperature:** 5 - 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**  
The usual precautionary measures should be adhered to in handling the chemicals.  
Keep away from foodstuffs, beverages and food.  
Do not eat or drink while working.
- **Protection of hands:**  
Impervious gloves.  
Check protective gloves prior to each use for their proper condition.  
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Eye protection:** Tightly sealed safety glasses.

### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	fluid
<b>Colour:</b>	colourless
<b>Smell:</b>	odourless

#### · Change in condition

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

· **Flash point:** Not applicable

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- |  |                             |
|--|-----------------------------|
| · <b>Self-inflammability:</b>                    | product is not selfigniting |
| · <b>Danger of explosion:</b>                    | product is not explosive    |
| · <b>Density at 20°C</b>                         | 1,2 g/cm <sup>3</sup>       |
| · <b>Solubility in / Miscibility with Water:</b> | fully miscible              |
| · <b>pH-value at 20°C:</b>                       | 2,6                         |

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with alkali (lyes)
- **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
  - **LD/LC50 values that are relevant for classification:**
- |      |      |                    |
|------|------|--------------------|
| Oral | LD50 | >15400 mg/kg (Rat) |
|------|------|--------------------|
- **Primary irritant effect:**
  - **on the eye:** Irritant effect.
  - **Additional toxicological information:** Irritant

## \* 12 Ecological information:

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

## 14 Transport information

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

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*· Transport/Additional information: Not dangerous according to the above specifications.***15 Regulatory information**

- Designation according to EC guidelines: Observe the normal safety regulations when handling chemicals*
- Code letter and hazard designation of product:*

*Xi Irritant*

- Risk phrases:*  
36 Irritating to eyes.
- Safety phrases:*  
25 Avoid contact with eyes.  
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*  
36 Irritating to eyes.
- \* Data compared to the previous version altered.*

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