

- PRODUCT INFORMATION SHEET -

related to the EC Material Safety Data Sheet

Date of issue: 28.05.2010

Revision: 28.05.2010

1 Identification of substance:

- **Product details:**
- **Trade name:** Dismoclean® twin basic
- **SAP-Code:** EN R10479
- **Application of the substance / the preparation** Cleaning material/ Detergent
- **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**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 36/38 Irritating to eyes and skin.
- **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: 7778-53-2 EINECS: 231-907-1	Trikaliumphosphat	Xi; R 36/38	15-30%
CAS: 1312-76-1	potassium silicate	C; R 34	1-5%

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

phosphates	15 - 30%
phosphonates	< 5%

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

4 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.

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- **After swallowing**
Rinse mouth.
Do NOT induce vomiting.

5 Fire fighting measures

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

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
Dilute with much water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Handling**
- **Information for safe handling:** Keep containers tightly sealed.
- **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:**
Protect from frost.
Protect from heat and direct sunlight.

* 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.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:**
Only use chemical-protective gloves with CE-labelling of category 3.
Check the permeability prior to each renewed use of the glove.
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves**
1. Nitrile rubber, NBR

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2. Butyl rubber, BR

Recommended thickness of the material: 1. 0,11 mm/ 2. 0,11 mm

· **For the permanent contact gloves made of the following materials are suitable:**

1. Nitrile rubber, NBR

2. Butyl rubber, BR

· **Eye protection:** Tightly sealed safety glasses.· **Body protection:** Light weight protective clothing

9 Physical and chemical properties:

· General Information

Form:	fluid
Colour:	Light yellow
Smell:	odourless

· 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 at 20°C** 1,3 g/cm³

· Solubility in / Miscibility with

Water: partly miscible· **pH-value at 20°C:** 10,8

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Materials to be avoided:**· **Dangerous reactions** Strong exothermic reaction with acids· **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

Oral	LD50	>2000 mg/kg (Rat)
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· **Primary irritant effect:**· **on the skin:** Irritant for skin and mucous membranes.· **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

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12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:**
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.
The product is easily biodegradable.
- **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.

- **European waste catalogue**

07 06 01*	aqueous washing liquids and mother liquors
16 03 05*	organic wastes containing dangerous substances
18 01 06*	chemicals consisting of or containing dangerous substances

- **Uncleaned packagings:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
- **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:** -

- **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:** Observe the normal safety regulations when handling chemicals
- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**
36/38 Irritating to eyes and skin.

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· Safety phrases:

24/25 Avoid contact with skin and eyes.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37 Wear suitable gloves.

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

34 Causes burns.

36/38 Irritating to eyes and skin.

· * Data compared to the previous version altered.

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