

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 28.05.2010

Revision: 28.05.2010

1 Identification of substance:

· **Product details:**

· **Trade name:** Dismoclean® 41 STS

· **SAP-Code:** EN R10223

· **Application of the substance / the preparation** Clear rinsing agent/ Wetting agent

· **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 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	10-25%
EINECS: 201-069-1			

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

non-ionic surfactants, phosphonates, anionic 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** Get medical advice/attention if you feel unwell.

· **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.

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Do NOT induce vomiting.

5 Fire fighting measures

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

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:** Do not allow to enter drainage system, surface or ground water.
- **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 unopened original containers.
- **Information about storage in one common storage facility:**
Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions:**
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **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.
- **Breathing equipment:** Not required.
- **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.

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9 Physical and chemical properties:

· General Information

Form:	fluid
Colour:	Blue
Smell:	Characteristic

· Change in condition

Melting point/Melting range: not determined

· **Flash point:** Not applicable

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

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

· **Density at 20°C** 1,1 g/cm³

· Solubility in / Miscibility with

Water: fully miscible

· **pH-value (Konz. g/l) at 20°C:** 2,6

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:**
- **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	>12670 mg/kg (Rat)
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· Primary irritant effect:

· **on the eye:** Irritant effect.

· 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 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: -

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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:** 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:** -

- **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 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.**