

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 12.08.2008

Revision: 12.08.2008

1 Identification of substance:

- **Product details:**
- **Trade name:** Dismoclean® 43 antiseptic
- **SAP-Code:** EN R10224
- **Application of the substance / the preparation** Disinfectants for instruments
- **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:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**
R 22 Harmful if swallowed.
R 36 Irritating to eyes.
R 43 May cause sensitisation by skin contact.
- **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: 4719-04-4 EINECS: 225-208-0	2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl)triethanol Xn, Xi; R 22-36-43	25-50%
CAS: 5064-31-3 EINECS: 225-768-6	trisodium nitrilotriacetate Xn, Xi; R 22-36	1-5%

- **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.
- **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.

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Seek medical treatment.

5 Fire fighting measures

- **Suitable extinguishing agents** Water
- **Special hazards caused by the material, its products of combustion or flue gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Put on breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **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 the original container.
- **Information about storage in one common storage facility:** Do not store together with acids.
- **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.
Instantly remove any soiled and impregnated garments.
Do not eat or drink while working.
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.
Check protective gloves prior to each use for their proper condition.
After use of gloves apply skin-cleaning agents and skin cosmetics.

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- **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: PVA gloves**

- **Eye protection: Tightly sealed safety glasses.**

9 Physical and chemical properties:

- **General Information**

Form:	fluid
Colour:	yellowish
Smell:	Amine-like

- **Change in condition**

Melting point/Melting range: not determined

- **Flash point:** > 100°C (DIN 51 755)

- **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 (10 g/l) at 20°C:** 10,5

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with acids.
- **Dangerous products of decomposition:** Formaldehyde

11 Toxicological information

- **Acute toxicity:**

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

Oral	LD50	>1300 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:** Sensitization possible by skin contact.

- **Additional toxicological information:**

Harmful
Irritant

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- **Sensitisation** May cause sensitisation by skin contact.

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:**
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:**



Xn Harmful

- **Hazard-determining components of labelling:**
2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl)triethanol
- **Risk phrases:**
22 Harmful if swallowed.
36 Irritating to eyes.
43 May cause sensitisation by skin contact.
- **Safety phrases:**
24 Avoid contact with skin.
37 Wear suitable gloves.
51 Use only in well-ventilated areas.

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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.

36 Irritating to eyes.

43 May cause sensitisation by skin contact.

· * Data compared to the previous version altered.

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