

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:** Bacillol 25
- **SAP-Code:** EN R10055
- **Application of the substance / the preparation** Surface disinfectant
- **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 10 Flammable.
R 36 Irritating to eyes.
R 67 Vapours may cause drowsiness and dizziness.
- **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: 64-17-5 EINECS: 200-578-6	ethanol	F; R 11	10-25%
CAS: 67-63-0 EINECS: 200-661-7	isopropanol	Xi, F; R 11-36-67	5-10%
CAS: 71-23-8 EINECS: 200-746-9	propan-1-ol	Xi, F; R 11-41-67	5-10%

- **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** The product is not skin irritating.
- **After eye contact** Rinse cautiously with water for several minutes.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 28.05.2010

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(Contd. of page 1)

- **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:**
Prevent material from reaching sewage system, holes and cellars.
Dilute with much water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

- **Handling**
- **Information for safe handling:** Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.

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** Wash hands during breaks and at the end of the work.
- **Eye protection:** Safety glasses recommended during refilling.

9 Physical and chemical properties:

· General Information

Form:	fluid
Colour:	colourless
Smell:	Alcohol-like

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

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Trade name: Bacillol 25

(Contd. of page 2)

· Change in condition <i>Melting point/Melting range:</i> not determined <i>Boiling point/Boiling range:</i> not determined	
· Flash point:	30°C
· Self-inflammability:	product is not selfigniting
· Danger of explosion:	product is not explosive. However, formation of explosive air/steam mixtures is possible
· Density at 20°C	0,96 g/cm ³
· Solubility in / Miscibility with Water:	fully miscible
· pH-value (Konz. g/l) at 20°C:	3-4

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**

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

Oral	LD50	>80000 mg/kg (Rat) (Schätzwert / estimated value)
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- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.

12 Ecological information:

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

- **Acquatic toxicity:**

LC50	>1000 mg/l (Fisch / fish) (Schätzwert / estimated value)
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- **Behaviour in sewage processing plants:**

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

EC10	>10000 mg/l (<i>Pseudomonas putida</i>) (Schätzwert / estimated value)
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- **Additional ecological information:** -

EUE

(Contd. on page 4)

Safety Data Sheet

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Revision: 28.05.2010

Trade name: Bacillol 25

(Contd. of page 3)

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:** 3 (F1) Flammable liquids.
- **Kemler Number:** 30
- **UN-Number:** 1987
- **Packaging group:** III
- **Label:** 3
- **Designation of goods:** 1987 ALCOHOLS, N.O.S. (ethanol, isopropanol)

- **Maritime transport IMDG/GGVSea:**



- **IMDG/GGVSea Class:** 3
- **UN Number:** 1987
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Correct technical name:** ALCOHOLS, N.O.S. (ethanol, isopropanol)

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



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1987
- **Label:** 3
- **Packaging group:** III

(Contd. on page 5)

EUE

Safety Data Sheet
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(Contd. of page 4)

· Correct technical name: ALCOHOLS, N.O.S. (ethanol, isopropanol)**15 Regulatory information****· Designation according to EC 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***· Risk phrases:**

10 Flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.

· Safety phrases:

23 Do not breathe fumes/aerosol.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.

· Decree to be applied in case of technical fault:

Critical quantity values according to the regulations on accidents should be adhered to.

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

11 Highly flammable.
36 Irritating to eyes.
41 Risk of serious damage to eyes.
67 Vapours may cause drowsiness and dizziness.

· * Data compared to the previous version altered.