

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 09.12.2008

Revision: 09.12.2008

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 & 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 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

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **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.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 09.12.2008

Revision: 09.12.2008

Trade name: **Bacillol 25**

(Contd. of page 1)

In case of persistent symptoms consult doctor.

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.
Protect against electrostatic charges.
- **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

· Change in condition

Melting point/Melting range: not determined

(Contd. on page 3)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Date of issue: 09.12.2008

Revision: 09.12.2008

Trade name: Bacillol 25

(Contd. of page 2)

Boiling point/Boiling range:	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.
- **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:**

Bacillol 25 (calculated)

Oral LD50 > 80000 mg/kg (rat)

- **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.
- **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.

EUE

(Contd. on page 4)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Date of issue: 09.12.2008

Revision: 09.12.2008

Trade name: Bacillol 25

(Contd. of page 3)

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: -
- 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
- 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.

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Date of issue: 09.12.2008

Revision: 09.12.2008

Trade name: Bacillol 25

(Contd. of page 4)

*26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**51 Use only in well-ventilated areas.***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.**

-EUE-