

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 22.04.2009

Revision: 22.04.2009

1 Identification of substance:

· **Product details:**

· **Trade name:** Bacillol® plus

· **SAP-Code:** EN R10048

· **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 41 Risk of serious damage 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: 71-23-8 EINECS: 200-746-9	propan-1-ol	Xi, F; R 11-41-67	25-50%
CAS: 67-63-0 EINECS: 200-661-7	isopropanol	Xi, F; R 11-36-67	10-25%
CAS: 111-30-8 EINECS: 203-856-5	glutaral	T, C, N; R 23/25-34-42/43-50	≤ 1%

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

4 First aid measures

· **After inhalation** Supply fresh air.

· **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.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 22.04.2009

Revision: 22.04.2009

Trade name: Bacillol® plus

(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:**
Ensure adequate ventilation
Keep away from ignition sources
- **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).
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:** .
- **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.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Not required.

(Contd. on page 3)

EUE

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 22.04.2009

Revision: 22.04.2009

Trade name: **Bacillol® plus**

(Contd. of page 2)

- **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
Boiling point/Boiling range: not determined
Setting temperature / range: < -20°C

· **Flash point:** 27°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** 0,89 g/cm³

· **Solubility in / Miscibility with Water:** fully miscible

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 plus (berechnet)

Oral	LD50	> 5000 mg/kg (rat)
------	------	--------------------

· Primary irritant effect:

- **on the skin:** No irritant effect.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effect known.

· Additional toxicological information:

Irritant

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:

12 Ecological information:

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

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Date of issue: 22.04.2009

Revision: 22.04.2009

Trade name: **Bacillol® plus**

(Contd. of page 3)

· **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.

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. (n-propanol, 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. (n-propanol, 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. (n-propanol, isopropanol)

EUE

(Contd. on page 5)

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

Date of issue: 22.04.2009

Revision: 22.04.2009

Trade name: **Bacillol® plus**

(Contd. of page 4)

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.
- 41 Risk of serious damage 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.

· **Special designation of certain preparations:**

Contains glutaral. May produce an allergic reaction.

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.
- 23/25 Toxic by inhalation and if swallowed.
- 34 Causes burns.
- 36 Irritating to eyes.
- 41 Risk of serious damage to eyes.
- 42/43 May cause sensitisation by inhalation and skin contact.
- 50 Very toxic to aquatic organisms.
- 67 Vapours may cause drowsiness and dizziness.

· *** Data compared to the previous version altered.**

EUE