

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:** Baktolan® vital
- **SAP-Code:** EN R10063
- **Application of the substance / the preparation** Skin cosmetics
- **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:**




F Highly flammable

- **Information pertaining to particular dangers for man and environment**
R 11 Highly flammable.
- **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 | ethanol |  F; R 11 | 50-100% |
| EINECS: 200-578-6 | | | |

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

4 First aid measures

- **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.

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.

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(Contd. on page 2)

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Trade name: **Baktolan® vital**

(Contd. of page 1)

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.
- **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:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.

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.

* 9 Physical and chemical properties:

· General Information

| | |
|----------------|--------------|
| Form: | fluid |
| Colour: | Transparent |
| Smell: | Camphor-like |

· Change in condition

Melting point/Melting range: not determined
Boiling point/Boiling range: not determined

· **Flash point:** 16°C

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

· **Danger of explosion:** product is not explosive. However, formation of explosive air/steam mixtures is possible

(Contd. on page 3)

EUE

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(Contd. of page 2)

- | | |
|--|--|
| · Density at 20°C | ca. 0,90 g/cm ³ |
| · Solubility in / Miscibility with Water: | fully miscible |
| · pH-value (Konz. g/l) at 20°C: | ca. 6,5 |
| · Viscosity: dynamic at 20°C: | ca. 34500 mPas (Brookfield DVII+, RV5) |

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:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **Sensitization:** No sensitizing effect known.

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:** 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:** 33
- **UN-Number:** 1170
- **Packaging group:** II
- **Label** 3

(Contd. on page 4)

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(Contd. of page 3)

· **Designation of goods:** 1170 ETHANOL SOLUTION· **Maritime transport IMDG/GGVSea:**

· **IMDG/GGVSea Class:** 3
 · **UN Number:** 1170
 · **Label:** 3
 · **Packaging group:** II
 · **EMS Number:** F-E,S-E
 · **Marine pollutant:** -
 · **Correct technical name:** ETHANOL SOLUTION

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

· **ICAO/IATA Class:** 3
 · **UN/ID Number:** 1170
 · **Label:** 3
 · **Packaging group:** II
 · **Correct technical name:** ETHANOL SOLUTION
 · **Remarks:** passanger: no single packing permits.

15 Regulatory information

· **Designation according to EC guidelines:**

As a drug / cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, normal safety regulations should be observed.

· **Code letter and hazard designation of product:**

F Highly flammable

· **Risk phrases:**

11 Highly flammable.

· **Safety phrases:**

2 Keep out of the reach of children.

7 Keep container tightly closed.

16 Keep away from sources of ignition - No smoking.

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.

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