

## Safety data sheet

according to 1907/2006/EC, Article 31



Date of issue: 15.09.2011

Revision: 15.09.2011

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Baktolan® vital
- **SAP-Code:** EN R10063
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Skin cosmetics
- **Details of the supplier of the safety data sheet**
- **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 telephone number:**  
Giftnotruf Göttingen (Germany)  
24h-Tel.: +49 (0)551 / 1 92 40

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 F; Highly flammable  
R11: 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.
- **Label elements**
- **Labelling according to EU 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.  
9 Keep container in a well-ventilated place.  
16 Keep away from sources of ignition - No smoking.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 64-17-5	ethanol	 F R11	50-100%
EINECS: 200-578-6		 Flam. Liq. 2, H225	

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

### 4 First aid measures

- **Description of first aid measures**
- **General information** Get medical advice/attention if you feel unwell.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse cautiously with water for several minutes.
- **After swallowing**  
Rinse mouth.  
Do NOT induce vomiting.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Keep away from ignition sources
- **Environmental precautions:** Do not allow to enter drainage system, surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 8 for information on personal protection equipment.

### 7 Handling and storage

- **Handling**
- **Precautions for safe handling** Keep away from heat and direct sunlight.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Not required.

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- **Further information about storage conditions:** *Keep container tightly sealed.*

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **Control parameters**
- **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.*
- **Exposure controls**
- **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

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	<i>fluid</i>
<b>Colour:</b>	<i>Transparent</i>
<b>Smell:</b>	<i>Camphor-like</i>
- **pH-value (Konz. g/l) at 20°C:** *ca. 6,5*
- **Change in condition**

<b>Melting point/Melting range:</b>	<i>not determined</i>
<b>Boiling point/Boiling range:</b>	<i>not determined</i>
- **Flash point:** *20°C (ISO 3679)*
- **Self-inflammability:** *product is not selfigniting*
- **Danger of explosion:** *product is not explosive. However, formation of explosive air/steam mixtures is possible*
- **Critical values for explosion:**

<b>Lower:</b>	<i>120 g/m<sup>3</sup></i>
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- **Density at 20°C** *ca. 0,90 g/cm<sup>3</sup>*
- **Solubility in / Miscibility with**

<b>Water:</b>	<i>fully miscible</i>
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- **Viscosity:**

<b>dynamic at 20°C:</b>	<i>ca. 34500 mPas (Brookfield DVII+, RV5)</i>
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### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*

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- **Hazardous decomposition products:** No dangerous decomposition products known.

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Additional ecological information:** -
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**13 Disposal considerations**

- **Waste treatment methods**
- **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.

· <b>European waste catalogue</b>	
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:** 33
- **UN-Number:** 1170
- **Packaging group:** II
- **Label:** 3

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· **UN proper shipping name:** 1170 ETHANOL SOLUTION (ETHYL ALCOHOL 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:** No  
 · **Correct technical name:** ETHANOL SOLUTION (ETHYL ALCOHOL 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.

· **Special precautions for user** Warning: Flammable liquids.

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Decree to be applied in case of technical fault:**  
Critical quantity values according to the regulations on accidents should be adhered to.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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 phrases**  
H225 Highly flammable liquid and vapour.  
R11 Highly flammable.
- **\* Data compared to the previous version altered.**