

**Safety data sheet**  
according to 1907/2006/EC, Article 31


Date of issue: 27.12.2011

Revision: 27.12.2011


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

- **1.1 Product identifier**
- **Trade name:** Bacillol®-Tissues
- **SAP-Code:** EN R10505
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Surface disinfectant
- **1.3 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
- **1.4 Emergency telephone number:**  
Giftnotruf Göttingen (Germany)  
24h-Tel.: +49 (0)551 / 1 92 40

## 2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
-  Xi; Irritant
- R36: Irritating to eyes.
- R10: Flammable.

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- **2.2 Label elements**
- **Labelling according to EU 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.
- **Safety phrases:**  
2 Keep out of the reach of children.  
25 Avoid contact with eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

EUE

(Contd. on page 2)

## Safety data sheet

### according to 1907/2006/EC, Article 31

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Revision: 27.12.2011

Trade name: **Bacillol®-Tissues**

(Contd. of page 1)

### 3 Composition/information on ingredients

#### 3.2 Chemical characterization: Mixtures

· **Description:** Mixture of the substances listed below with harmless additions.

#### · Dangerous components:

CAS: 71-23-8 EINECS: 200-746-9	propan-1-ol Xi R41; F R11 R67 Flam. Liq. 2, H225; Eye Dam. 1, H318; STOT SE 3, H336	25-45%
CAS: 67-63-0 EINECS: 200-661-7	isopropanol Xi R36; F R11 R67 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	25-30%
CAS: 64-17-5 EINECS: 200-578-6	ethanol F R11 Flam. Liq. 2, H225	1-5%

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

### 4 First aid measures

#### 4.1 Description of 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.
- **After swallowing** Rinse mouth.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose of the material collected according to regulations.
- **6.4 Reference to other sections**  
See Section 8 for information on personal protection equipment.

EUE

(Contd. on page 3)

**Safety data sheet**  
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(Contd. of page 2)

### 7 Handling and storage

· **7.1 Precautions for safe handling**

No special precautions necessary if used correctly.

Keep away from heat and direct sunlight.

· **7.2 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:** .

· **Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

· **7.3 Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **8.1 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.

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

· **Protection of hands:** Not required.

### 9 Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Liquid on inert carrier material

Colour: colourless

· **Smell:** pleasant

· **Change in condition**

Melting point/Melting range: not determined

Boiling point/Boiling range: not determined

· **Flash point:** 25°C

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

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

· **Density** not determined

· **Solubility in / Miscibility with**

Water: Partly soluble

(Contd. on page 4)

**Safety data sheet**  
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Date of issue: 27.12.2011

Revision: 27.12.2011

Trade name: **Bacillol®-Tissues**

(Contd. of page 3)

· **9.2 Other information** No further relevant information available.

### 10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
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:  
Irritant

### 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** The product is easily biodegradable.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:** -
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Smaller quantities can be disposed with household garbage.  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· **European waste catalogue**

07 06 01*	aqueous washing liquids and mother liquors
16 03 05*	organic wastes containing dangerous substances

(Contd. on page 5)

**Safety data sheet**  
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Trade name: **Bacillol®-Tissues**

(Contd. of page 4)

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

· <b>14.1 UN-Number</b> · <b>ADR, IMDG, IATA</b>	UN3175
· <b>14.2 UN proper shipping name</b> · <b>ADR</b>  · <b>IMDG, IATA</b>	3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (n-PROPANOL (PROPYL ALCOHOL, NORMAL), isopropanol)  SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (n-PROPANOL (PROPYL ALCOHOL, NORMAL), isopropanol)
· <b>14.3 Transport hazard class(es)</b> · <b>ADR</b>	
	
· <b>Class</b> · <b>Label</b>	4.1 (F1) Flammable solids, self-reactive substances and solid desensitised explosives. 4.1
· <b>IMDG, IATA</b>	
	
· <b>Class</b> · <b>Label</b>	4.1 Flammable solids, self-reactive substances and solid desensitised explosives. 4.1
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	II
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b> · <b>Kemler Number:</b> · <b>EMS Number:</b>	Warning: Flammable solids, self-reactive substances and solid desensitised explosives. 40 F-A,S-I
· <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

(Contd. on page 6)

**Safety data sheet**  
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(Contd. of page 5)

· **Transport/Additional information:**· **IATA**· **Remarks:***passanger: no single packing permits.***15 Regulatory information**

- **15.1 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.*
- **15.2 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.**H318 Causes serious eye damage.**H319 Causes serious eye irritation.**H336 May cause drowsiness or dizziness.**R11 Highly flammable.**R36 Irritating to eyes.**R41 Risk of serious damage to eyes.**R67 Vapours may cause drowsiness and dizziness.*

- **\* Data compared to the previous version altered.**

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