

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.09.2011

Version nr: 1

Revision: 12.09.2011

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

- **Product details**
- **Trade name:** *Kerba Milchtest*
- **Application of the substance / the preparation** *Indicator solution*

· **Manufacturer/Supplier:**  
 Albert Kerbl GmbH  
 Felizenzell 9  
 84428 Buchbach  
 Tel.Nr.: +49 (0)8086 933 100  
 Fax: +49 (0)8086 933 500  
 e-mail: info@kerbl.com  
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- **Further information obtainable from:**  
*Fa. Kerbl Herrn Bruno Mautendorfer*  
*Tel.: +49 (0) 8086-933-100*
- **Information in case of emergency:**  
*Giftnotruf Berlin*  
*Oranienburger Str. 285*  
*D-13437 Berlin*  
*Tel. +49 (0) 30 30686 790*

*expert advice also in english*


## 2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for human and environment:**  
*The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.*
- **Classification system:**  
*The classification is according to the latest editions of the EU-lists, and extended by company and literature data.*

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Mixture of substances listed below with nonhazardous additions.*

· **Dangerous components:**

68188-18-1	Alkansulfonate (Natriumsalze)	 Xi; R 36/38	2.5-5%
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- **Additional information:** *For the wording of the listed risk phrases refer to section 16.*

## 4 First aid measures

- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Generally the product does not irritate the skin.*
- **After eye contact:** *Rinse opened eye for several minutes under running water. Then consult a doctor.*
- **After swallowing:** *If symptoms persist consult doctor.*

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
*CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*

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· **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit 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 valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

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- |  |   |
|--|---|
| · <b>Change in condition</b><br>Melting point/Melting range: 0°C<br>Boiling point/Boiling range: 100°C |   |
| · <b>Flash point:</b>  | Not applicable.                               |
| · <b>Self-igniting:</b>  | Product is not selfigniting.                  |
| · <b>Danger of explosion:</b>  | Product does not present an explosion hazard. |
| · <b>Density at 20°C:</b>  | 1 g/cm <sup>3</sup>                           |
| · <b>Solubility in / Miscibility with water:</b>   | Fully miscible.                               |
| · <b>pH-value at 20°C:</b>   | 11.4  |

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 Ecological information

- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

## 13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## 14 Transport information

· **Land transport ADR/RID (cross-border)**  
· **ADR/RID class:** -

· **Maritime transport IMDG:**  
· **IMDG Class:** -  
· **Marine pollutant:** No

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

· **Transport/Additional information:** Not dangerous according to the above specifications.

## 15 Regulatory information

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· **Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

36/38 Irritating to eyes and skin.

· **Department issuing MSDS:** Abteilung Umweltschutz

· **Contact:** Herrn Bruno Mautendorfer

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