

# Safety data sheet

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

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

- **Product identifier**
- **Trade name: Udder Towels wet (cleaning solution)**
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Impregnation for cleansing tissue

- **Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**

Albert Kerbl GmbH  
 Felizenzell 9  
 D-84428 Buchbach  
 www.kerbl.com  
 Tel.: 0049-(0)8086-933-100  
 Email: info@kerbl.com

- **Further information obtainable from:**

Albert Kerbl GmbH  
 Tel.: 0049-(0)8086-933-100  
 Email: info@kerbl.com

- **Emergency telephone number:**

Vergiftungsinformationszentrale, Währinger Gürtel 18-20, 1090 Wien  
 Tel.: +43-1-406 43 43 0

Giftinformationszentrum-Nord (GIZ-Nord) (24 Stunden)  
 Tel.: +40-(0)551 - 19240

Giftnotruf Berlin - Oranienburger Straße. 285 - 13437 Berlin  
 Tel.: 030/19240, Fax: 030/30 686 799  
 mail@giftnotruf.de -- www.giftnotruf.de/

Giftnotruf München - Ismaninger Straße 22 - 81675 München  
 Tel.: +49-(0)89-19240; tox@lrz.tu-muenchen.de www.toxinfo.org/

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.

- **Information concerning particular hazards for human and environment:**

When sprayed the respiratory tracts may be irritated by aerosol drops.  
 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.

(Contd. on page 2)

# Safety data sheet

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

Printing date 13.11.2012

Version number 1






Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

(Contd. of page 1)

- **Label elements**
- **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).
- **Special labelling of certain preparations:**  
Safety data sheet available for professional user on request.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
  - **Description:**  
Preparation of:  
Alcohol
  - **Dangerous components:**
- |                   |   |       |
|-------------------|---|-------|
| CAS: 71-23-8      | propan-1-ol   | 3-<5% |
| EINECS: 200-746-9 |  Xi R41;  F R11<br>R67  |       |
|                   |  Flam. Liq. 2, H225;  Eye Dam. 1, H318;  STOT SE 3, H336 |       |
- **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:** By continuous complaints consult a physician.
- **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.
- **After swallowing:**  
Seek medical treatment.  
Do not induce vomiting.  
Never give anything by mouth to an unconscious person.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet

(Contd. on page 3)

## Safety data sheet

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

(Contd. of page 2)

- **Special hazards arising from the substance or mixture**  
 In case of fire, the following can be released:  
 Carbon monoxide (CO)+ Carbon dioxide (CO<sub>2</sub>)  
 Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
 Keep people at a distance and stay on the windward side.  
 Refer to protective measures listed in sections 7 and 8.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Protect from frost.
- **Recommended storage temperature:** 5-30°C
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** \_\_\_\_\_  
**71-23-8 propan-1-ol**  
 WEL Short-term value: 625 mg/m<sup>3</sup>, 250 ppm  
 Long-term value: 500 mg/m<sup>3</sup>, 200 ppm  
 Sk
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 The usual precautionary measures are to be adhered to when handling chemicals.

(Contd. on page 4)

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

(Contd. of page 3)

- **Respiratory protection:**  
Use suitable respiratory protective device only when aerosol or mist is formed.
- **Protection of hands:** Not required.
- **Material of gloves ---**
- **Penetration time of glove material ---**
- **As protection from splashes gloves made of the following materials are suitable:**  
Butyl rubber, BR  
Nitrile rubber, NBR
- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form:** Fluid
  - Colour:** Colourless
- **Odour:** Alcohol-like
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
  - Melting point/Melting range:** Not determined
  - Boiling point/Boiling range:** 100°C
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:**
  - Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not selfigniting
- **Danger of explosion:** Product does not present an explosion hazard
- **Explosion limits:**
  - Lower:** Not determined.
  - Upper:** Not determined.
- **Vapour pressure at 20°C:** 23 hPa
- **Density at 20°C:** 1 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Fully miscible

(Contd. on page 5)

## Safety data sheet

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

(Contd. of page 4)

- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:** Not determined.
  - Kinematic:** Not determined.
- **Other information** No further relevant information available.

### 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 hazardous reactions when stored and handled according to prescribed instructions.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None, if handled according to order.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Due to the product composition slight irritations of the eyes cannot be excluded.
- **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.  
When sprayed in inadequately ventilated places, the aerosol drops may seriously irritate the respiratory tract! Therefore it is absolutely necessary to strictly observe the instructions of chapter (para) 8.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **COD-value:** not available
- **BOD5-value:** not available
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 6)

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

· **Other adverse effects** No further relevant information available.

(Contd. of page 5)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- **UN-Number**
- **ADR, IMDG, IATA** Void
- **UN proper shipping name**
- **ADR, IMDG, IATA** Void
- **Transport hazard class(es)**
- **ADR, IATA**
- **Class** Void
- **Packing group**
- **ADR, IMDG, IATA** Void
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.
- **UN "Model Regulation":** -

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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).
- **Special labelling of certain preparations:**  
Safety data sheet available for professional user on request.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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 phrases**  
H225 Highly flammable liquid and vapour.

(Contd. on page 7)

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

Printing date 13.11.2012

Version number 1

Revision: 12.11.2012

**Trade name: Udder Towels wet (cleaning solution)**

(Contd. of page 6)

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

R11 Highly flammable.

R41 Risk of serious damage to eyes.

R67 Vapours may cause drowsiness and dizziness.

**Contact:**

Johanna Kolbeck

Albert Kerbl GmbH

E-Mail: JKolbeck@kerbl.com

Web: www.kerbl.com

phone: +49 8086 933129

fax: +49 8086/93323129

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GB