



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

Printing date: 25.04.2014



Version: 2. 0

Revision: 25.04.2014

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name:** Dr. Beckmann PreWash Stain Brush
- **Formulation-No.:** 010-14
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
  - 
  -
- **Application of the substance / the preparation:** Special detergent for the pre-treatment of laundry
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**  
delta pronatura  
Dr. Krauss & Dr. Beckmann KG  
Kurt-Schumacher-Ring 15-17  
63329 Egelsbach  
Germany  
  
Phone: int+49-(0)6103-4045-0  
Fax: int+49-(0)6103-4045-190
- **Email competent person:** sds@kft.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**  
National Poisons Information Service (NPIS)  
24 hour national number is 0844 892 0111      professionals only  
  
National Health Service (NHS)  
24 hour national number is 0845 4647      consumer

**SECTION 2: Hazards identification**

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 Xi; Irritant  
R41: Risk of serious damage to eyes.
  - **Classification system:**  
The classification complies with current legislation, but is supplemented with information from technical literature and company information.
- 
- **2.2 Label elements**
  - **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals  
Although this product is not subject to identification regulations, we recommend to observe the safety suggestions.
  - **Code letter and hazard designation of product:**  
 Xi Irritant
  - **Risk phrases:**  
41 Risk of serious damage to eyes.
  - **Safety phrases:**  
2 Keep out of the reach of children.



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

39 Wear eye/face protection.

46 If swallowed, seek medical advice immediately and show this container or label.

56 Dispose of this material and its container to hazardous or special waste collection point.

• **2.3 Other hazards**

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable

• **vPvB:** Not applicable

**SECTION 3: Composition/information on ingredients**

• **3.2 Chemical characterization: Mixtures**

• **Description:** Mixture of the substances listed below with nonhazardous additions.

• **Dangerous components:**

	Alcohols, C13-15, branched and linear, ethoxylated Xn R22; Xi R41 Eye Dam. 1, H318; Acute Tox. 4, H302	10-20%
CAS: 9004-82-4	Sodium lauryl ether sulfate, ethoxylated Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-5%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Flam. Liq. 2, H225	ethanol F R11	< 2.5%

• **Regulation (EC) No 648/2004 on detergents / Labelling for contents:**

non-ionic surfactants	5 - 15%
anionic surfactants, soap, amphoteric surfactants, enzymes, preservation agents (BENZISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)	< 5%

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

**SECTION 4: First aid measures**

• **4.1 Description of first aid measures**

• **General information:** If symptoms persist or in case of doubt, seek medical advice.

• **After inhalation:** Inhalation of product is unlikely.

• **After skin contact:**

Wash with water.

If skin irritation continues, consult a doctor.

• **After eye contact:**

Rinse the eyes with open eyelids for 10 - 15 minutes with water.

Treatment by an ophthalmologist.

• **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting.

Seek medical treatment.

If babies/toddlers are concerned, always consult a physician or the local Poison Information Centre.

• **4.2 Most important symptoms and effects, both acute and delayed** Local irritation symptoms

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- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 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.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.  
Avoid contact with eyes.
- **6.2 Environmental precautions:**  
The following information refer to the leakage of large quantities:  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to penetrate the ground/soil.  
In case of seepage into the ground inform responsible authorities.
- **6.3 Methods and material for containment and cleaning up:**  
Small quantities:  
If spilled/leaked: absorb main quantity with cloth.  
Large quantities:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections** See Section 8 for information on personal protection equipment.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used properly.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Not required
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from feed.  
Store away from oxidizing agents.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 10-13 other combustible and non-combustible substances
- **7.3 Specific end use(s)** No further relevant information available

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## SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
  - 64-17-5 ethanol**  
WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**

The usual precautionary measures should be adhered to when handling chemicals.  
Avoid close or long term contact with skin.  
Avoid contact with eyes.  
The following instructions regarding the protective equipment refer to the industrial use of larger quantities.  
Provide eye bath.  
Use skin protection cream for skin protection.
- **Breathing equipment:** Under normal conditions of use not required
- **Protection of hands:**

For consumers normally not necessary. If direct and prolonged contact with product or its dilutions cannot be avoided, use of protective gloves is recommended.  
Industrial use:  
Protective gloves  
To avoid skin problems reduce the wearing of gloves to the required minimum.  
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves:**

The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary 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 penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** If large quantities are handled: safety glasses are recommended.
- **Body protection:** Protective work clothing

## SECTION 9: Physical and chemical properties

### • 9.1 Information on basic physical and chemical properties

#### • General Information:

##### • Appearance:

Form:	Liquid
Colour:	Yellowish
• Odour:	Characteristic Soapy
• Odour threshold:	Not determined

• pH-value at 20 °C: ~ 8.33

#### • Change in condition:

Melting point/Melting range: Not determined  
Boiling point/Boiling range: Not determined

• Flash point: Not applicable

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· <b>Self ignition temperature:</b>	Product is not self-igniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
· <b>Oxidizing properties:</b>	Non-oxidizing
· <b>Vapour pressure:</b>	Not determined
· <b>Density:</b>	Not determined
· <b>Solubility in / Miscibility with Water:</b>	Miscible
· <b>Viscosity:</b>	
<b>dynamic:</b>	Not determined
<b>kinematic:</b>	Not determined
· <b>9.2 Other information</b>	No further relevant information available

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications  
To avoid thermal decomposition do not overheat.
- **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 hazardous decomposition products if instructions for storage and handling are followed

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No toxicity data are available for the product itself.
- **Primary irritant effect:**
- **on the skin:** Not determined
- **on the eye:** Strongly irritant with the danger of severe eye injury
- **On respiratory tract:** No data available
- **Sensitization:** No sensitizing effects known
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:** No data available
- **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

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## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **12.2 Persistence and degradability** The biological degradation of the surfactants complies with the requirements of EC 648/2004.
- **12.3 Bioaccumulative potential** No further relevant information available
- **12.4 Mobility in soil** No further relevant information available
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water  
According to appendix 4 of VwVwS dated 27.7.2005 (German regulation)  
The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water even if small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
Disposal according to instructions of local authorities
- **Uncleaned packagings:**
- **Recommendation:**  
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.  
Disposal must be made according to official regulations.

## SECTION 14: Transport information

• <b>14.1 UN-Number</b>	
• <b>ADR, ADN, IMDG, IATA</b>	Void
• <b>14.2 UN proper shipping name</b>	
• <b>ADR, ADN, IMDG, IATA</b>	Void
• <b>14.3 Transport hazard class(es)</b>	
• <b>ADR, ADN, IMDG, IATA</b>	
• <b>Class</b>	Void
• <b>14.4 Packing group</b>	
• <b>ADR, IMDG, IATA</b>	Void
• <b>14.5 Environmental hazards:</b>	
• <b>Marine pollutant:</b>	No
• <b>14.6 Special precautions for user</b>	Not applicable

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- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Information about limitation of use:** Take note of Directive 94/33/EC on the protection of young people at work.
- **Class Share in %:**
  - **Wasser** 58.4
  - **NK** 1.5
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water
- **Further information:** Version/s 1 is/are not available in this language.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 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**  
As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)
  - H225 Highly flammable liquid and vapour.
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H318 Causes serious eye damage.
  - H319 Causes serious eye irritation.
  - H11 Highly flammable.
  - R22 Harmful if swallowed.
  - R36/38 Irritating to eyes and skin.
  - R41 Risk of serious damage to eyes.

- **Department issuing MSDS:**  
KFT Chemieservice GmbH  
Im Leuschnerpark. 3 64347 Griesheim  
Postfach 1451 64345 Griesheim  
Germany

Phone: +49 6155 86829-0 Fax: +49 6155 86829-25  
Safety Data Sheet Service: +49 6155 86829-22

- **Contact:** Angelika Torges

- **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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent