

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

Printing date: 15.12.2014

Version: 3. 0

Revision: 15.12.2014

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

- **1.1 Product identifier**
 - **Trade name:** Dr. Beckmann Pre Wash Stain Brush
 - **Formulation-No.:** 022-14
 - **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:**
d e l t a p r o n a t u r a
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 Poison Information Service (NPIS)
24 hour national number professionals only
0844 892 0111
 - National Health Service (NHS)
24 hour national number consumer
England and Scotland: 111
Wales: 0845 46 47
Northern Ireland: call your local General Practitioner
- Call 999 if there is a life-threatening incident.

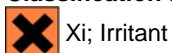
SECTION 2: Hazards identification

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



Eye Irrit. 2 H319 Causes serious eye irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



R36: Irritating 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 Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.

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· Hazard pictograms



GHS07

· Signal word Warning

· Hazard statements

H319 Causes serious eye irritation.

· Precautionary statements

P102 Keep out of reach of children.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

· 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 characterisation: 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: 52-51-7 EINECS: 200-143-0 Index number: 603-085-00-8	bronopol (INN) Xn R21/22; Xi R37/38-41; N R50 Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 2, H411 (M=10); Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	< 1%

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

non-ionic surfactants 5 - 15%

anionic surfactants, soap, amphoteric surfactants, preservation agents ("2-BROMO-2-NITROPROPANE-1,3-DIOL", METHYLISOTHIAZOLINONE, BENZISOTHIAZOLINONE) < 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.

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- **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
- **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:**
CO₂, 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.

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:
- **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 oxidising agents.
Refer to national regulations for storing hazardous chemicals.
- **Further information about storage conditions:** Protect from frost.
- **Storage class:** 10-13 other combustible and non-combustible substances

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

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:**
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 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:** No data available
- **Odour threshold:** Not determined

· **pH-value:** Not determined

· **Change in condition:**

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

· **Flash point:** Not determined

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· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
· Oxidizing properties:	Non-oxidizing
· Vapour pressure:	Not determined
· Density:	Not determined
· Solubility in / Miscibility with Water:	Miscible
· Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
· 9.2 Other information	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:**
Irritating effect
BCOP Test (Bovine Corneal Opacity and Permeability Test):
No classification in category: Eye Dam. 1
- **On respiratory tract:** No data available
- **Sensitisation:** No sensitising effects known
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:** No data available
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available
- **STOT-repeated exposure:** No data available

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- **Aspiration hazard** No data available

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:**
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.
Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water
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
- **European waste catalogue:**
07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01* aqueous washing liquids and mother liquors
20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 00 separately collected fractions (except 15 01)
20 01 29* detergents containing dangerous substances
- **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

- | | |
|---------------------------------------|------|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation":	-

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.
- Water hazard class: Water hazard class 2 (Self-assessment): hazardous for water
- Further information: Version/s 2 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.

- Reasons for amendments:
 - Classification
 - Emergency information
 - Data on components
 - Threshold limit value (TLV)
- Replaces version dated: 10.09.2014
- Relevant phrases
 - As mentioned in section 3 of the safety data sheet (not relevant for labelling of the product)
 - H302 Harmful if swallowed.
 - H312 Harmful in contact with skin.
 - H315 Causes skin irritation.
 - H318 Causes serious eye damage.
 - H319 Causes serious eye irritation.
 - H335 May cause respiratory irritation.
 - H400 Very toxic to aquatic life.
 - H411 Toxic to aquatic life with long lasting effects.
 - R21/22 Harmful in contact with skin and if swallowed.
 - R22 Harmful if swallowed.
 - R36/38 Irritating to eyes and skin.
 - R37/38 Irritating to respiratory system and skin.
 - R41 Risk of serious damage to eyes.

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R50 Very toxic to aquatic organisms.

· **Classification according to Regulation (EC) No 1272/2008** Eye Irrit. 2 based on test data

· **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:** Dr. Daniela Krimm

· **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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

· *** Data compared to the previous version altered.**

Changes have been made to sections marked with a *, as compared to the previous version.

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