

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

Printing date: 04.11.2013

Version: 6.00

Revision: 04.11.2013

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

- **1.1 Product identifier**
- **Trade name:** Dr. Beckmann Liquid Stain Remover
- **Formulation-No.:** 003-11
- **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 Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Classification system:**
The classification is based on Regulation (EC) 1272/2008 including its amendments, and on company information.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements** P102 Keep out of reach of children.
- **Additional information:**
According to Regulation 1272/2008 Annex II special provisions for labelling have to be observed.
Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
- **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.

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· Dangerous components:

CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60-xxxx	(2-methoxymethylethoxy)propanol substance with a Community workplace exposure limit	10-20%
CAS: 69011-36-5 NLP: 500-241-6	Poly(oxy-1,2-ethanediyl), a-tridecyl-w-hydroxy-, branched (2-5 mol e.o.) Xi R41 Eye Dam. 1, H318	5-10%
CAS: 24938-91-8	Tridecyl alcohol ethoxylated Xn R22; Xi R41 Eye Dam. 1, H318; Acute Tox. 4, H302	1-5%

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

non-ionic surfactants	5 - 15%
soap, anionic surfactants, perfumes (Limonene, CITRAL), enzymes, preservation agents (METHYLCHLOROISOTHIAZOLINONE, 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:

In case of inhalative exposure to vapours/aerosols during processing:
Supply fresh air; consult a doctor in case of pain.

· After skin contact:

Immediately rinse 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 No further relevant information available.

· 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: No data available

· 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)

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- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear a fully protective suit.
- **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.
- **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 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **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

SECTION 8: Exposure controls/personal protection

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

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· **8.1 Control parameters**

· **Components with limit values that require monitoring at the workplace:**

34590-94-8 (2-methoxymethylethoxy)propanol

WEL (Great Britain) Long-term value: 308 mg/m³, 50 ppm
Sk

IOELV (European Union) Long-term value: 308 mg/m³, 50 ppm
Skin

· **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

In case of unintentional release of substance, exceeding the occupational exposure limit value:

Short term filter device (EN 149):

Filter A (colour code: brown)

· **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
Gel

Colour: Opaque

· **Odour:** Scented

· **Odour threshold:** Not determined

· **pH-value at 20 °C:** ~ 8.3
In delivery state

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· Change in condition: Melting point/Melting range: Not determined Boiling point/Boiling range: Not determined
· Flash point: Not applicable
· Ignition temperature: Decomposition temperature: Not determined
· 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: None
· Vapour pressure: Not determined
· Density at 20 °C: ~ 0.98 g/cm ³
· Solubility in / Miscibility with Water: Miscible
· Viscosity: dynamic: Not determined Surface tension: 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:**
Light irritation OECD method 405
Not be to classified
For three days slight deviations from normal findings
- **On respiratory tract:** No data available

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- **Sensitization:** No sensitizing effects known
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
Presently available data show no carcinogenic, mutagenic or teratogenic effects.
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No classification
- **STOT-repeated exposure:** No classification
- **Aspiration hazard** No classification
- **Additional toxicological information:**
The product had been tested and no eye irritating properties being relevant for classification could be determined.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **12.2 Persistence and degradability** No further relevant information available
- **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)
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.
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.
- **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:**
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.

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SECTION 14: Transport information

· 14.1 UN-Number · ADR, ADN, IMDG, IATA	Void
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 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**
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water
- **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:**
Regulation (EC) No. 1272/2008 /CLP
General revision
- **Replaces version dated:** 26.04.2011
- **Relevant phrases**
H302 Harmful if swallowed.
H318 Causes serious eye damage.
R22 Harmful if swallowed.
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

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· **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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· *** 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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