

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

#### 1.1. Product identifier

Trade name : Dr. Beckmann Pre-Wash Spray  
Formulation-No. : 039-19  
Type of product : Detergent

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
Use of the substance/mixture : Special detergent for domestic textile cleaning

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

delta pronatura - Dr. Krauss & Dr. Beckmann KG  
Kurt-Schumacher-Ring 15-17  
63329 Egelsbach - Germany  
T int+49-(0)6103-4045-0 - F int+49-(0)6103-4045-190

##### Email competent person

sds@kft.de

#### 1.4. Emergency telephone number

Emergency number : 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.

Distributor:  
Alf. Mizzi & Sons (Mktg) Group  
Zachary House  
Marsa Industrial Estate  
Marsa  
MRS3000. Malta  
Tel. 00356 2554 0000  
Emergency Telephone No: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 1 H318  
Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Causes serious eye damage.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
Hazardous ingredients : Isotridecanol, ethoxylated  
Hazard statements (CLP) : H318 - Causes serious eye damage.

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Precautionary statements (CLP)	: P102 - Keep out of reach of children. P280 - Wear eye protection, face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER, a doctor.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(2-Methoxymethylethoxy)propanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (GB)	(CAS-No.) 34590-94-8 (EC-No.) 252-104-2 (REACH-no) 01-2119450011-60-xxxx	≥ 10 – < 20	Not classified
Isotridecanol, ethoxylated	(CAS-No.) 69011-36-5	≥ 5 – < 10	Eye Dam. 1, H318 Aquatic Chronic 3, H412
Isotridecanol, ethoxylated	(CAS-No.) 69011-36-5	≥ 2.5 – < 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Ethanol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	≥ 0.25 – < 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Ethanol	(CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43-xxxx	( 50 ≤C < 100) Eye Irrit. 2, H319

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Consult an ophthalmologist if irritation persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after eye contact : May cause slight irritation. Serious damage to eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Strong water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other information : Do not allow run-off from fire fighting to enter drains or water courses. Disposal must be done according to official regulations.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid sub-soil penetration. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

Other information : Disposal must be done according to official regulations.

### 6.4. Reference to other sections

Information for safe handling. See section 7. Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect against frost. Store in a well-ventilated place. Keep cool.

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Information about storage in one common storage facility : Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>(2-Methoxymethylethoxy)propanol (34590-94-8)</b>	
<b>EU - Occupational Exposure Limits</b>	
Local name	(2-Methoxymethylethoxy)-propanol
IOELV TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
IOELV TWA (ppm)	50 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	(2-methoxymethylethoxy) propanol
WEL TWA (mg/m <sup>3</sup> )	308 mg/m <sup>3</sup>
WEL TWA (ppm)	50 ppm
Remark (WEL)	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

<b>Ethanol (64-17-5)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Ethanol
WEL TWA (mg/m <sup>3</sup> )	1920 mg/m <sup>3</sup>
WEL TWA (ppm)	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

<b>(2-Methoxymethylethoxy)propanol (34590-94-8)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	283 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	308 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	36 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	37.2 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	121 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	19 mg/l
PNEC aqua (marine water)	1.9 mg/l
PNEC aqua (intermittent, freshwater)	190 mg/l

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	70.2 mg/kg dwt
PNEC sediment (marine water)	7.02 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	2.74 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	4168 mg/l

<b>Isotridecanol, ethoxylated (69011-36-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	2080 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	294 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	87 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	1250 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.074 mg/l
PNEC aqua (marine water)	0.007 mg/l
PNEC aqua (intermittent, freshwater)	0.015 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.604 mg/kg dwt
PNEC sediment (marine water)	0.06 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.1 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1.4 mg/l

## 8.2. Exposure controls

### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

### Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Not required for normal conditions of use. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Gloves must be replaced after each use and whenever signs of wear or perforation appear

### Eye protection:

Use splash goggles when eye contact due to splashing is possible. EN 166. Wear closed safety glasses. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

### Skin and body protection:

Wear suitable protective clothing. EN 340. EN 13034

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Not required for normal conditions of use. Short term exposure. Filter A (colour code: brown). Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust. Breathing apparatus with filter

### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Take off immediately all contaminated clothing. Avoid contact with skin and eyes. Always wash hands after handling the product. Apply emollient cream. Do not eat, drink or smoke when using this product. The above mentioned instructions regarding the protective equipment refer to the industrial use of larger quantities.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: whitish.
Odour	: perfumed.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable: Aqueous solution
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: Miscible
Partition coefficient n-octanol/water (Log Pow)	: Not applicable
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Keep out of frost.

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

### 10.5. Incompatible materials

Oxidation agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### Dr. Beckmann Pre-Wash Spray

ATE CLP (oral)	> 10000 mg/kg
----------------	---------------

#### Isotridecanol, ethoxylated (69011-36-5)

LD50 oral rat	> 2000 mg/kg bodyweight
---------------	-------------------------

LD50 dermal rat	> 2000 mg/kg bodyweight
-----------------	-------------------------

LC50 inhalation rat (Vapours - mg/l/4h)	> 100 mg/l/4h (6 h; (OECD 403 method); Read-across: CAS 112-59-4)
---	---

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Causes serious eye damage.

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Not classified (Based on available data, the classification criteria are not met)

#### Isotridecanol, ethoxylated (69011-36-5)

LC50 fish 1	1 – 10 mg/l Cyprinus carpio (Common carp)
-------------	---

EC50 Daphnia 1	1.5 mg/l (48 h; Daphnia magna; EU Method C.2)
----------------	---

EC50 72h algae	1 – 10 mg/l (OECD 201 method)
----------------	-------------------------------

#### Isotridecanol, ethoxylated (69011-36-5)

LC50 fish 1	1 – 10 mg/l Cyprinus carpio (Common carp)
-------------	---

EC50 Daphnia 1	1 – 10 mg/l (OECD 202 method)
----------------	-------------------------------

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

EC50 72h algae	1 – 10 mg/l (OECD 201 method)
----------------	-------------------------------

### 12.2. Persistence and degradability

<b>Dr. Beckmann Pre-Wash Spray</b>	
Persistence and degradability	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.

<b>(2-Methoxymethylethoxy)propanol (34590-94-8)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	96 % (28 d; (OECD 301F method))

<b>Isotridecanol, ethoxylated (69011-36-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	75 – 82 % (28 d; (OECD 301B method))

<b>Isotridecanol, ethoxylated (69011-36-5)</b>	
Biodegradation	> 70 % (OECD 301A method)

<b>Ethanol (64-17-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	84 % (20 d)

### 12.3. Bioaccumulative potential

<b>Dr. Beckmann Pre-Wash Spray</b>	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
Bioaccumulative potential	The product has not been tested.

<b>(2-Methoxymethylethoxy)propanol (34590-94-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.004 (25 °C; pH 7.5 - 7.7; (OECD 107 method))
Bioaccumulative potential	Bioaccumulation unlikely.

<b>Isotridecanol, ethoxylated (69011-36-5)</b>	
BCF fish 1	232.5 l/kg (24 h; Pimephales promelas)
Partition coefficient n-octanol/water (Log Pow)	6.4 (22 °C; pH: >=6 - <=7; (OECD 117 method))

<b>Ethanol (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Kow)	-0.35 (20 °C)
Bioaccumulative potential	Bioaccumulation unlikely.

### 12.4. Mobility in soil

<b>Dr. Beckmann Pre-Wash Spray</b>	
Ecology - soil	The product has not been tested.



# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

<b>(2-Methoxymethylethoxy)propanol (34590-94-8)</b>	
Surface tension	68.7 mN/m (20 °C; 1 g/L; (OECD 115 method))

<b>Isotridecanol, ethoxylated (69011-36-5)</b>	
Partition coefficient n-octanol/water (Log Koc)	2.376 – 2.645 (25 °C; Quantitative structure-activity relationship (QSAR))

<b>Ethanol (64-17-5)</b>	
Surface tension	22.31 mN/m (20 °C)

### 12.5. Results of PBT and vPvB assessment

<b>Dr. Beckmann Pre-Wash Spray</b>	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

<b>Component</b>	
(2-Methoxymethylethoxy)propanol (34590-94-8)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Isotridecanol, ethoxylated (69011-36-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Isotridecanol, ethoxylated (69011-36-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Ethanol (64-17-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods	: Disposal must be done according to official regulations. European waste catalogue. Do not discharge into drains or the environment. Do not dispose of with domestic waste.
Product/Packaging disposal recommendations	: Recycle or dispose of in compliance with current legislation.
European List of Waste (LoW) code	: 07 06 01* - aqueous washing liquids and mother liquors 20 01 29* - detergents containing dangerous substances
HP Code	: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
Reference code	Applicable on
3(a)	(S)-p-mentha-1,8-diene ; Ethanol
3(c)	(S)-p-mentha-1,8-diene ; Isotridecanol, ethoxylated
40.	(S)-p-mentha-1,8-diene ; Ethanol
3(b)	Dr. Beckmann Pre-Wash Spray ; (S)-p-mentha-1,8-diene ; Isotridecanol, ethoxylated ; Isotridecanol, ethoxylated ; 2-phenoxyethanol ; Ethanol

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

CESIO recommendations

: 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.

Other information, restriction and prohibition regulations

: Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Labelling of contents (648/2004/EC).

Detergent Regulation : Labelling of contents:	
Component	%
non-ionic surfactants	5-<15%
anionic surfactants, soap	<5%

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

PHENOXYETHANOL	
SODIUM PYRITHIONE	
perfumes	
LIMONENE	
CITRAL	

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
	General revision		
8	PNEC	Added	
8	DNEL	Added	
11	Toxicological information	Added	
12.	Ecotoxicity	Added	
15.1	Detergent Regulation : Labelling of contents	Modified	

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic

# Dr. Beckmann Pre-Wash Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources : ECHA (European Chemicals Agency). MSDSs of the suppliers. Information provided by the manufacturer.  
Department issuing data : KFT Chemieservice GmbH  
specification sheet: Im Leuschnerpark. 3 64347 Griesheim  
Germany  
  
Phone: +49 6155-8981-400 Fax: +49 6155 8981-500  
Safety Data Sheet Service: +49 6155 8981-522  
Contact person : Dr. Dina Shaydulina

<b>Classification according to Regulation (EC) No. 1272/2008 [CLP]:</b>	
Eye Dam. 1	H318

<b>Full text of H- and EUH-statements:</b>	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

<b>Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:</b>		
Eye Dam. 1	H318	Calculation method

KFT SDS EU 02

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.