

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

#### 1.1. Product identifier

Trade name : Dr. Beckmann Stain Remover Brush  
UFI : G7PC-J0TV-400Y-NR4J  
Formulation-No. : 042-19  
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 cleaning agent

##### 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

##### Distributor

Tollesbury Enterprises (1993) Ltd  
20a Peters Way  
Silverdale, Auckland 0932, New Zealand  
+64 9 421 0190

#### 1.4. Emergency telephone number

Emergency number : National Poisons Centre New Zealand – 0800 764 766

### 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- and EUH-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

Contains :

Alcohols, C13-15, branched and linear, ethoxylated; Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Hazard statements (CLP) :

H318 - Causes serious eye damage.

# Dr. Beckmann Stain Remover Brush

## 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

Component	
Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)	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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)	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
2-phenoxyethanol (122-99-6)	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
glycerol (56-81-5)	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
pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	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]
Alcohols, C13-15, branched and linear, ethoxylated	(CAS-No.) 157627-86-6 (EC-No.) 500-337-8	≥ 10 – < 20	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318 Aquatic Chronic 3, H412
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3	≥ 2.5 – < 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

2-phenoxyethanol	(CAS-No.) 122-99-6 (EC-No.) 204-589-7 (EC Index-No.) 603-098-00-9 (REACH-no) 01-2119488943-21-xxxx	$\geq 1 - < 2.5$	Acute Tox. 4 (Oral), H302 (ATE=1850 mg/kg) Eye Irrit. 2, H319
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	$\geq 0.25 - < 1$	Flam. Liq. 2, H225 Eye Irrit. 2, H319
glycerol substance with national workplace exposure limit(s) (GB)	(CAS-No.) 56-81-5 (EC-No.) 200-289-5	$\geq 0.25 - < 1$	Not classified
pyridine-2-thiol 1-oxide, sodium salt	(CAS-No.) 3811-73-2 (EC-No.) 223-296-5	$< 0.1$	Acute Tox. 4 (Oral), H302 (ATE=1208 mg/kg bodyweight) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.08 mg/l/4h) Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 2, H411 (M=0)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	(CAS-No.) 68891-38-3	( 5 ≤C < 10) Eye Irrit. 2, H319 ( 10 ≤C < 100) Eye Dam. 1, H318
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- and EUH-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. Inhalation of product is unlikely.
First-aid measures after skin contact	: If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water.
First-aid measures after eye contact	: 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. Drink plenty of water. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after eye contact : 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.

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

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

Fire hazard : Non flammable.  
Explosion hazard : Product is not explosive.  
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Sulphur oxides. Nitrogen oxides.

### 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 : Store in a well-ventilated place. Keep cool.  
Information about storage in one common storage facility : Keep away from : oxidizing materials. Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

No additional information available

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

<b>ethanol (64-17-5)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Ethanol
WEL TWA (OEL TWA) [1]	1920 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1000 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

<b>glycerol (56-81-5)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m <sup>3</sup> mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day
Long-term - local effects, dermal	0.132 mg/cm <sup>2</sup>
Long-term - systemic effects, inhalation	175 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	15 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	52 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day
Long-term - local effects, dermal	0.079 mg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.24 mg/l
PNEC aqua (marine water)	0.024 mg/l
PNEC aqua (intermittent, freshwater)	0.071 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.917 mg/kg dwt
PNEC sediment (marine water)	0.092 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	7.5 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	10000 mg/l

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

<b>2-phenoxyethanol (122-99-6)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	20.83 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	5.7 mg/m <sup>3</sup>
Long-term - local effects, inhalation	5.7 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, oral	9.23 mg/kg bodyweight
Long-term - systemic effects, oral	9.23 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2.41 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	10.42 mg/kg bodyweight/day
Long-term - local effects, inhalation	2.41 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.943 mg/l
PNEC aqua (marine water)	0.094 mg/l
PNEC aqua (intermittent, freshwater)	3.44 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	7.237 mg/kg dwt
PNEC sediment (marine water)	0.724 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	1.31 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	36 mg/l

<b>ethanol (64-17-5)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	343 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	950 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	87 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	114 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	206 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.96 mg/l
PNEC aqua (marine water)	0.79 mg/l
PNEC aqua (intermittent, freshwater)	2.75 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	3.6 mg/kg dwt
PNEC sediment (marine water)	2.9 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.63 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	0.38 kg/kg food

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

<b>PNEC (STP)</b>	
PNEC sewage treatment plant	580 mg/l

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering 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.

### 8.2.2. Personal protection equipment

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Wear closed safety glasses. EN 166. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing. EN 340. EN 13034

##### Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Nitrile rubber gloves. 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

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. EN 143. Short term exposure. A-P2. Breathing apparatus with filter. 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

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### 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	: Yellow.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

Flammability	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Water: Miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: Not applicable
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

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

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

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



# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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 Stain Remover Brush

ATE CLP (oral)	3704 mg/kg bodyweight
----------------	-----------------------

#### Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)

LD50 oral rat	300 – 2000 mg/kg bodyweight
---------------	-----------------------------

#### 2-phenoxyethanol (122-99-6)

LD50 oral rat	1850 mg/kg bodyweight
LD50 dermal rat	14391 mg/kg bodyweight
LC50 Inhalation - Rat	> 1000 mg/m <sup>3</sup>

#### pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)

LD50 oral rat	1208 mg/kg bodyweight (female; (OECD 401 method))
LC50 Inhalation - Rat (Dust/Mist)	1.08 mg/l/4h (Test method EU B.2)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Additional information	: Repeated or prolonged skin contact may cause irritation
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)

#### 11.2. Information on other hazards

No additional information available

### 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)

#### Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)

LC50 - Fish [1]	1 – 10 mg/l (96 h; Brachydanio rerio (zebra-fish))
EC50 - Crustacea [1]	1 – 10 mg/l (48 h; Daphnia magna)
ErC50 algae	1 – 10 mg/l (72 h; Scenedesmus subspicatus)

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

NOEC (chronic)	1 – 10 mg/l (Daphnia magna)
----------------	-----------------------------

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b>	
LC50 - Fish [1]	7.1 mg/l (96h; Danio rerio; OECD 203)
EC50 - Crustacea [1]	7.2 mg/l (48h; Daphnia magna; OECD 202)
ErC50 algae	27 mg/l (72h; Scenedesmus subspicatus; (OECD 201 method))
NOEC chronic fish	0.14 mg/l (28 d; Oncorhynchus mykiss; OECD 215)
NOEC chronic crustacea	0.27 mg/l (21 d; Daphnia magna; OECD 211)

<b>pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)</b>	
LC50 - Fish [1]	0.007 mg/l (96h; Oncorhynchus mykiss; EPA OPP 72-1)
EC50 - Crustacea [1]	0.022 mg/l (48h; Daphnia magna; EPA OPP 72-29)
ErC50 algae	0.46 mg/l (72 h; Pseudokirchneriella subcapitata, (OECD 201 method))
NOEC chronic algae	0.46 mg/l (72 h; Pseudokirchneriella subcapitata, (OECD 201 method))

### 12.2. Persistence and degradability

<b>Dr. Beckmann Stain Remover Brush</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>Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)</b>	
Persistence and degradability	Readily biodegradable.

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	100 % (28 d)

<b>2-phenoxyethanol (122-99-6)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	99 % (15 d; (OECD 301A method))

<b>glycerol (56-81-5)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	94 % (24 h)

<b>pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)</b>	
Persistence and degradability	Readily biodegradable.

### 12.3. Bioaccumulative potential

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

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.3 (OECD 123)

<b>2-phenoxyethanol (122-99-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	1.2 (23°C; pH 7)
Partition coefficient n-octanol/water (Log Kow)	1.16

<b>glycerol (56-81-5)</b>	
Partition coefficient n-octanol/water (Log Kow)	-1.75 (25 °C; pH 7.4)
Bioaccumulative potential	Bioaccumulation unlikely.

### 12.4. Mobility in soil

<b>Dr. Beckmann Stain Remover Brush</b>	
Ecology - soil	The product has not been tested.

<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)</b>	
Surface tension	33 mN/m (721 mg/L; 25 °C; DIN EN 14370)
Partition coefficient n-octanol/water (Log Koc)	0.34 (QSAR)

<b>ethanol</b>	
Surface tension	22.31 mN/m (20 °C)

<b>glycerol (56-81-5)</b>	
Surface tension	≈ 63.4 mN/m (20 °C)
Ecology - soil	No additional information available.

### 12.5. Results of PBT and vPvB assessment

<b>Dr. Beckmann Stain Remover Brush</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>	
Alcohols, C13-15, branched and linear, ethoxylated (157627-86-6)	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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3)	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
2-phenoxyethanol (122-99-6)	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
glycerol (56-81-5)	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
pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	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. Endocrine disrupting properties

No additional information available

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

### 12.7. 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 / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID 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
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
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. Maritime transport in bulk according to IMO instruments

Not applicable

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

### 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)	ethanol
3(b)	Dr. Beckmann Stain Remover Brush ; Alcohols, C13-15, branched and linear, ethoxylated ; ethanol ; 2-phenoxyethanol
3(c)	Alcohols, C13-15, branched and linear, ethoxylated
40.	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

Other information, restriction and prohibition : Regulation (EC) No. 648/2004 of 31 March 2004 on detergents.  
regulations

Detergent Regulation (648/2004/EC): Labelling of contents:	
Component	%
non-ionic surfactants	5-<15%
anionic surfactants, amphoteric surfactants, soap	<5%
PHENOXYETHANOL	
SODIUM PYRITHIONE	
POTASSIUM SORBATE	

##### 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

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

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

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
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). Information provided by the manufacturer. MSDSs of the suppliers.

Department issuing data : KFT Chemieservice GmbH

specification sheet: Im Leuschnerpark 3  
D-64347 Griesheim

Phone: +49 6155-8981-400

Fax: +49 6155 8981-500

SDS Service: +49 6155 8981-522

Contact person : Dr. Dina Shaydulina

Other information : Version/s 1.00 - 3.00 is/are not available in this language.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

# Dr. Beckmann Stain Remover Brush

## Safety Data Sheet

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

H411	Toxic to aquatic life with long lasting effects.
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.