

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Issue date: 05/06/2020 Revision date: 05/06/2020 Supersedes: 28/01/2020 Version: 3.00

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

1.1. Product identifier

Trade name UFI Formulation-No. Type of product

: Dr. Beckmann eXpress universal Stain Pen

: XQ0A-V0PP-D001-RWGU

: 036-19

: 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

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

d e I t a 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

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]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

Precautionary statements (CLP) Child-resistant fastening Tactile warning

: P102 - Keep out of reach of children. : Not applicable : 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

sds@kft.de

Email competent person

: Special cleaning agent

Safety Data Sheet

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments

: Aqueous solution of special active agents

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
sodium etasulfate	(CAS-No.) 126-92-1 (EC-No.) 204-812-8 (REACH-no) 01-2119971586-23-xxxx	≥2,5 - <3	Skin Irrit. 2, H315 Eye Dam. 1, H318
Isotridecanol, ethoxylated	(CAS-No.) 69011-36-5	≥1 - <1,5	Eye Dam. 1, H318 Aquatic Chronic 3, H412
hydrogen peroxide (Note B)	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 008-003-00-9 (REACH-no) 01-2119485845-22-xxxx	≥1 - <1,5	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
sodium etasulfate	(CAS-No.) 126-92-1 (EC-No.) 204-812-8 (REACH-no) 01-2119971586-23-xxxx	(10 ≤C < 20) Eye Irrit. 2, H319 (20 ≤C < 100) Eye Dam. 1, H318
hydrogen peroxide	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 008-003-00-9 (REACH-no) 01-2119485845-22-xxxx	($5 \le C < 8$) Eye Irrit. 2, H319 ($8 \le C < 50$) Eye Dam. 1, H318 ($35 \le C < 100$) STOT SE 3, H335 ($35 \le C < 50$) Skin Irrit. 2, H315 ($50 \le C < 70$) Skin Corr. 1B, H314 ($50 \le C < 70$) Ox. Liq. 2, H272 ($63 \le C < 100$) Aquatic Chronic 3, H412 ($70 \le C < 100$) Skin Corr. 1A, H314 ($70 \le C < 100$) Ox. Liq. 1, H271

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis. 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. Inhalation of product is unlikely.	
First-aid measures after skin contact	: Wash skin with plenty of water.	
First-aid measures after eye contact	: Rinse eyes with water as a precaution.	
First-aid measures after ingestion	: Ingestion unlikely. Rinse mouth out with water. Call a poison center or a doctor if you fee unwell.	

Safety Data Sheet

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

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

No additional information available

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 subs	tance or mixture	
Fire hazard	: Non flammable.	
Explosion hazard	: Product is not explosive.	
Hazardous decomposition products in case of fire	f fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Sulphur 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.	

6.1. Personal precautions, protective equipment and emergency procedures	
6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area.
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".

Avoid sub-soil penetration. Prevent entry to sewers and 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 Hygiene measures	 Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 	

Safety Data Sheet

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

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrogen peroxide (7722-84-1)		
United Kingdom - Occupational Exposure Limits		
Local name	Hydrogen peroxide	
WEL TWA (mg/m³)	1.4 mg/m³	
WEL TWA (ppm)	1 ppm	
WEL STEL (mg/m³)	2.8 mg/m ³	
WEL STEL (ppm)	2 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

sodium etasulfate (126-92-1)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	4060 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	285 mg/m ³
DNEL/DMEL (General population)	· · ·
Long-term - systemic effects,oral	24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	85 mg/m ³
Long-term - systemic effects, dermal	2440 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0.136 mg/l
PNEC aqua (marine water)	0.014 mg/l
PNEC aqua (intermittent, freshwater)	4.83 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1.5 mg/kg dwt
PNEC sediment (marine water)	0.15 mg/kg dwt
PNEC (Soil)	· · ·
PNEC soil	0.22 mg/kg dwt
PNEC (STP)	· · ·
	1.35 mg/l

DNEL/DMEL (Workers)		
Acute - local effects, inhalation	3 mg/m³	
Long-term - local effects, inhalation	1.4 mg/m³	

Safety Data Sheet

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

DNEL/DMEL (General population)		
1.93 mg/m ³		
0.21 mg/m ³		
PNEC (Water)		
0.013 mg/l		
0.013 mg/l		
0.014 mg/l		
PNEC (Sediment)		
0.047 mg/kg dwt		
0.047 mg/kg dwt		
PNEC (Soil)		
0.002 mg/kg dwt		
PNEC (STP)		
4.66 mg/l		

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

In case of repeated or prolonged contact wear gloves. EN 374. Chemically resistant protective gloves. 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

Skin and body protection:

Wear suitable protective clothing. EN 340. EN 13034

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

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Always wash hands after handling the 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		
Appearance	: Pens.	

Colour

: colourless.

Safety Data Sheet

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

Odour	: characteristic.
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
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.
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: 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

No additional information available

10.5. Incompatible materials

Oxidizing agent.

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

(70%; female; (OECD 401 method))

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

LD50 oral	1193 mg/kg bodyweight (35%; male; rat; US EPA Guidelines (PB82 -232984, August 1982))
LD50 dermal rabbit	> 2000 mg/kg (35%; (OECD 402 method))
LC50 inhalation rat (Vapours - mg/l/4h)	> 0.17 mg/l/4h (50%; (OECD 403 method))
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
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)
TOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
spiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12:	Ecological	information
	Loologioui	

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)

hydrogen peroxide (7722-84-1)	
LC50 fish 1	16.4 mg/l (96h; Pimephales promelas)
EC50 Daphnia 1	2.4 mg/l (48h; Daphnia pulex)
EC50 72h algae	1.38 mg/l (72h; Skeletonema costatum)
NOEC chronic crustacea	0.63 mg/l (21d; Daphnia magna; ASTM E 1193-97)
NOEC chronic algae	0.63 mg/l (72h; Skeletonema costatum)

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)

12.2. Persistence and degradability

Dr. Beckmann eXpress universal Stain Pen	
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.

sodium etasulfate	
Persistence and degradability	Readily biodegradable.
Biodegradation	89.3 % (aerobic; 28 d; (OECD 301B method))

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

hydrogen peroxide (7722-84-1)	
Biodegradation	> 99 % (30 min; (OECD 209 method))
Isotridecanol, ethoxylated (69011-36-5)	
Persistence and degradability	Readily biodegradable.
Biodegradation	75 – 82 % (28 d; (OECD 301B method))
12.3. Bioaccumulative potential	
Dr. Beckmann eXpress universal Stain Pen	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
Bioaccumulative potential	The product has not been tested.
sodium etasulfate	
Partition coefficient n-octanol/water (Log Pow)	-0.248 (25 °C; pH ~ 9; (OECD 123 method))
Bioaccumulative potential	Bioaccumulation unlikely.
hydrogen peroxide (7722-84-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.57 (pH 7; 20 °C; Calculation method)
Bioaccumulative potential	Bioaccumulation unlikely.
Isotridecanol, ethoxylated (69011-36-5)	
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))
12.4. Mobility in soil	
Dr. Beckmann eXpress universal Stain Pen	
Ecology - soil	The product has not been tested.
Isotridecanol, ethoxylated (69011-36-5)	
Partition coefficient n-octanol/water (Log Koc)	2.376 – 2.645 (25 °C; Quantitative structure-activity relationship (QSAR))
12.5. Results of PBT and vPvB assessment	
Dr. Beckmann eXpress universal Stain Pen	
This substance/mixture does not meet the PBT criteria	of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria	a of REACH regulation, annex XIII
Component	
sodium etasulfate (126-92-1)	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
hydrogen peroxide (7722-84-1)	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

12.6. Other adverse effects

No additional information available

Safety Data Sheet

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

European List of Waste (LoW) code

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.
 Recycle or dispose of in compliance with current legislation.

: 20 01 30 - detergents other than those mentioned in 20 01 29

SECTION 14: Transport information

Product/Packaging disposal recommendations

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number	1	I	I	ł
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippir	ig name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard	class(es)			·
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group	•			·
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental ha	zards			·
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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)	hydrogen peroxide	
3(b)	hydrogen peroxide ;Isotridecanol, ethoxylated	
3(c)	hydrogen peroxide ; Isotridecanol, ethoxylated	

Safety Data Sheet

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

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

Detergent Regulation (648/2004/EC): Labelling of contents:		
Component %		
anionic surfactants, oxygen-based bleaching agents, non-ionic surfactants	<5%	
SODIUM BENZOATE		

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	
1.1	UFI	Added		

Abbreviations and acronym	IS:
ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
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
ΙΑΤΑ	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

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

NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
РВТ	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 Department issuing data specification sheet:	 ECHA (European Chemicals Agency). Information provided by the manufacturer. MSDSs of the suppliers. KFT Chemieservice GmbH Im Leuschnerpark. 3 64347 Griesheim Germany
Contact person	Phone: +49 6155-8981-400 Fax: +49 6155 8981-500 Safety Data Sheet Service: +49 6155 8981-522 : Dr. Dina Shaydulina

Full text of H- and EUH-statements:		
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
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	
Ox. Liq. 1	Oxidising Liquids, Category 1	
Ox. Liq. 2	Oxidising Liquids, Category 2	
Skin Corr. 1A	Skin corrosion/irritation, Category 1A	
Skin Corr. 1B	Skin corrosion/irritation, Category 1B	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	
H271	May cause fire or explosion; strong oxidiser.	
H272	May intensify fire; oxidiser.	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H335	May cause respiratory irritation.	
H412	Harmful to aquatic life with long lasting effects.	

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.