Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 6/1/2015 Revision date: 3/14/2023 Supersedes: 4/17/2020 Version: 2.1 SDS No: 00056-0297

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

1.1. Product identifier

Product form Product name UFI : Mixture : Softaskin / Softaskin pure : TMMV-Q71D-G00K-R95X

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

1.2.1. Relevant identified uses

Use of the substance/mixture

: Wash lotion

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer	Distributor
B. Braun Medical AG	B. Braun Melsungen AG
Seesatz 17	Carl-Braun-Straße 1
CH-6204 Sempach	D-34212 Melsungen
Switzerland	Germany
T +41 (0) 58 / 258 50 00	T +49(0) 5661 / 71-4422
info.bbmch@bbraun.com	logistics.service@bbraun.com
E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de	

1.4. Emergency telephone number

Emergency number

: INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

H319

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 2 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

2.2. Label elements

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

Hazard pictograms (CLP)

Signal word (CLP) Hazard statements (CLP) Precautionary statements (CLP)

Extra phrases

: Applies for those countries where this product is classified as cosmetic; as ready for use cosmetic, this product is not subject to labelling obligation according to the CE directives in these countries.

P501 - Dispose of contents and container to an approved waste disposal plant.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

Labelling according to: exemption for packages of a capacity of 125ml or less

: H319 - Causes serious eye irritation.

contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

: P280 - Wear eye protection.

: Warning

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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 Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical characterization

: Mixture of anionic, amphoteric and non-ionic surfactants

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-14, ethoxylated, sulfated, sodium salts	CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639- 16	< 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N- dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts	CAS-No.: 147170-44-3 EC-No.: 931-333-8 REACH-no: 01-2119489410- 39	< 5	Eye Dam. 1, H318 Aquatic Chronic 3, H412

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Alcohols, C12-14, ethoxylated, sulfated, sodium salts	CAS-No.: 68891-38-3 EC-No.: 500-234-8 REACH-no: 01-2119488639- 16	(5 ≤C < 10) Eye Irrit. 2, H319 (10 ≤C < 100) Eye Dam. 1, H318
1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N- dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts	CAS-No.: 147170-44-3 EC-No.: 931-333-8 REACH-no: 01-2119489410- 39	(4 ≤C < 10) Eye Irrit. 2, H319 (10 ≤C < 100) Eye Dam. 1, H318

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Data of item 4 do partly not refer to the use and the regular employing of the product (in this sense consult package leaflet and expert information), but to liberation of major amounts in case of accidents and irregularities. Take off immediately all contaminated clothing. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. In the event of persistent symptoms receive medical treatment.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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	: Do NOT induce vomiting. Call a doctor. Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth. Drink plenty of water. Do not induce vomiting without medical advice.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects after eve contact	· Causes serious eve irritation

Symptoms/effects after eye contact: Causes serious eye irritation.Symptoms/effects after ingestion: Watch out. Beware, hazard of foam aspiration.

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	: Product does not burn, fire-extinguishing activities according to surrounding. Water spray. Dry powder. Foam. Carbon dioxide.	
Unsuitable extinguishing media	: high volume water jet.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard	: Non flammable.	
Explosion hazard Hazardous decomposition products in case of fire	 Product is not explosive. Carbon monoxide. Carbon dioxide. Sulphur oxides. Nitrous gasses. 	
nazardous decomposition products in case of fire	. Carbon monoxide. Carbon dioxide. Sulphur oxides. Nitrous gasses.	
5.3. Advice for firefighters		
Precautionary measures fire	: Cool endangered containers with water spray jet.	
Firefighting instructions	: Fight fire from safe distance and protected location.	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	
Other information	: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.	

6.1. Personal precautions, protective equipment and emergency procedures	
General measures	: Spills of this product present a serious slipping hazard. Avoid contact with skin, eyes and clothing.
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".

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6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains or the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up	
For containment Methods for cleaning up	Dike and contain spill.Take up liquid spill into absorbent material.
Other information	: Flush/dilute with water. Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

For further information refer to section 8: "Exposure controls/personal protection". Information for disposal see section 13.

7.1. Precautions for safe handling			
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.		
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 original container. Keep container tightly closed. Store in a well-ventilated place. Keep cool.		
Storage temperature	: room temperature		

7.3. Specific end use(s)

See Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	A specific exposure sampling method is not available.
Biological monitoring methods	A specific exposure sampling method is not available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N-dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts (147170-44-3)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	12.5 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	44 mg/m ³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	7.5 mg/kg bodyweight/day	

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1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N-dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts (147170-44-3)		
Long-term - systemic effects, inhalation	13.04 mg/m ³	
Long-term - systemic effects, dermal	7.5 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0.0135 mg/l	
PNEC aqua (marine water)	0.00135 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	14.8 mg/kg dwt	
PNEC sediment (marine water)	1.48 mg/kg dwt	
PNEC (Soil)		
PNEC soil	0.8 mg/kg dwt	
PNEC (STP)	·	
PNEC sewage treatment plant	3000 mg/l	
Alcohols, C12-14, ethoxylated, sulfated, sodium salts (68891-38-3)		
DNEL/DMEL (Workers)		
Long-term - systemic effects, dermal	2750 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	175 mg/m ³	
DNEL/DMEL (General population)		
Long-term - systemic effects,oral	15 mg/kg bodyweight/day	
Long-term - systemic effects, inhalation	52 mg/m ³	
Long-term - systemic effects, dermal	1650 mg/kg bodyweight/day	
PNEC (Water)		
PNEC aqua (freshwater)	0.24 mg/l	
PNEC aqua (marine water)	0.024 mg/l	
PNEC (Sediment)		
PNEC sediment (freshwater)	0.9168 mg/kg	
PNEC sediment (marine water)	0.09168 mg/kg KW	
PNEC (Soil)		
PNEC soil	7.5 mg/kg dwt	
PNEC (STP)		
PNEC sewage treatment plant	10000 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.

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8.2.2. Personal protection equipment

Personal protective equipment:

Data of item 8 do partly not refer to the use and the regular employing of the product (in this sense consult package leaflet and expert information), but to liberation of major amounts in case of accidents and irregularities.

8.2.2.1. Eye and face protection

Eye protection:

Eyewash bottle with clean water (EN 15154)

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses with side shields	Liquid splashes may occur		EN 166

8.2.2.2. Skin protection

No additional information available

8.2.2.3. Respiratory protection

Respiratory protection:

No personal breathing protective equipment is normally required

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:

Data of item 8 do partly not refer to the use and the regular employing of the product (in this sense consult package leaflet and expert information), but to liberation of major amounts in case of accidents and irregularities. Do not eat, drink or smoke in areas where product is used. Avoid contact with eyes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: perfumed.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: ≈ 100 °C
Flammability (solid, gas)	: Non flammable.
Explosive properties	: Product is not explosive.
Oxidising properties	: Not oxidising.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: 4.7 – 5.3 at 20 °C
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 1800 – 3500 mPa.s at 25°C
Solubility	: Water: completely miscible
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 1.015 – 1.025 g/cm³ at 20 °C

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Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: 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

VOC content	:	0 %
Solvent content	:	0 %
Solvent separation test (%)	:	0 %

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

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No hazardous decomposition products known. Fire may produce: Carbon oxides (CO, CO2). Nitrous fumes. Sulphur oxides.

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)

1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N-dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts (147170-44-3)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
LD50 dermal rat	> 2000 mg/kg (OECD 402 method)

Alcohols, C12-14, ethoxylated, sulfated, sodium salts (68891-38-3)

LD50 oral rat	> 2000 mg/kg (OECD 401 method)
Skin corrosion/irritation	 Not classified (Based on available data, the classification criteria are not met) pH: 4.7 – 5.3 at 20 °C
Serious eye damage/irritation	: Causes serious eye irritation. pH: 4.7 – 5.3 at 20 °C
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)

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Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard Additional information	 Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Wot classified (Based on available data, the classification criteria are not met) Wot classified (Based on available data, the classification criteria are not met) Wot classified (Based on available data, the classification criteria are not met)
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
Adverse health effects caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at a concentration equal to or greater than 0,1 %

11.2.2. Other information

No additional information available

SECTION 12: Ecological information		
12.1. Toxicity		
Hazardous to the aquatic environment, short-term : (acute)	No ecotoxicological data about this product are known. Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)	
1-Propanaminium, 3-amino-N-{carboxymethyl}-N,N-dimethyl-, N-(C8-18 (even-numbered) und C18 unsat.)-acylderivates, hydroxides, inner salts (147170-44-3)		
LC50 fish 1	1 – 10 mg/l 96 h, OECD 203, Pimephales promelas	
EC50 Daphnia 1	1 – 10 mg/l 48 h, OECD 202, Daphnia magna (Water flea)	
ErC50 algae	1 – 10 mg/l OECD 203, Desmodesmus subspicatus	
NOEC chronic fish	≤ 1 mg/l OECD 210, Oncorhynchus mykiss (Rainbow trout)	
NOEC chronic crustacea	≤ 1 mg/l OECD 211, Daphnia magna (Water flea)	
Alcohols, C12-14, ethoxylated, sulfated, sodium salts (68891-38-3)		
LC50 fish 1	> 10 – 100 mg/I DIN EN ISO 7346-2	

12.2. Persistence and degradability

Softaskin / Softaskin pure	
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.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

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12.5. Results of PBT and vPvB assessme	nt
Softaskin / Softaskin pure	
This substance/mixture does not meet the PBT cl	riteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB of	criteria of REACH regulation, annex XIII
12.6. Endocrine disrupting properties	
Adverse effects on the environment caused by endocrine disrupting properties	: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.
12.7. Other adverse effects	
Other adverse effects Additional information	 The product may lead to foaming in sewage plants. Prevent entry to sewers and public waters. When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste treatment methods	: Recycling is preferred to disposal or incineration. Can be incinerated according to local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. The waste code/waste name refers to the end product. To be defined by the customer in agreement with appropriate waste disposal company.	
Product/Packaging disposal recommendations	: Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.	
European List of Waste (LoW) code	: 07 06 99 - wastes not otherwise specified	

activity of activated sludge is not likely.

SECTION 14: Transport information

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippin	g name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard o	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 haz	ards			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information	n available			

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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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Other information, restriction and prohibition	: Kosmetikum Softaskin
regulations	INCI Declaration for the following article codes (18168, 18611, 18612, 18613, 18614,
	18615, 18616, 18617, 18618, 18766, 18948, 18949, 19156, 19197, 19198, 19220, 19221,
	19222, 19238, 19253, 19360, 19494, 19504, 19505, 19506, 19520, 19521, 19522, 19523,
	19524, 19529, 19539, 19595, 19711, 19722, 19830, 19831, 19865, 19866, 19919, 88280,
	180040, 180041, 180098, 3865037, 3865401): Aqua, Sodium Laureth Sulfate,
	Cocomidentanyl Retaine Leatin Arid Allentain Coco Clusseide C12 15 Alleyl Leaters

Cocamidopropyl Betaine, Lactic Acid, Allantoin, Coco Glucoside, C12-15 Alkyl Lactate, Polyquaternium-10, PEG-6 Caprylic/Capric Glycerides, Parfum, Sodium Benzoate, Sodium Chloride

INCI Declaration for all other article codes: Aqua, Sodium Laureth Sulfate, Cocamidopropyl Betaine, PEG-7 Glyceryl Cocoate, PEG-120 Methyl Glucose Dioleate, Sodium Chloride, Sodium Benzoate, Sodium Lactate, Parfum, Hexyl Cinnamal.

Kosmetikum Softaskin pure

INCI Declaration for the following article codes (19320, 19366, 19541, 19628, 19651): Aqua, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Lactic Acid, Allantoin, Coco Glucoside, C12-15 Alkyl Lactate, Polyquaternium-10, PEG-6 Caprylic/Capric Glycerides, Sodium Benzoate, Sodium Chloride

INCI Declaration for all other article codes: Aqua, Sodium Laureth Sulfate, Cocamidopropyl Betaine, PEG-7 Glyceryl Cocoate, PEG-120 Methyl Glucose Dioleate, Sodium Chloride, Sodium Benzoate, Sodium Lactate.

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

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POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content : 0 %

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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:

All chapters have been modified since the previous version.

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	
BCF	Bioconcentration factor	
ATE	Acute Toxicity Estimate	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
DOT	Department of Transport	
TDG	Transportation of Dangerous Goods	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals	
IARC	International Agency for Research on Cancer	
vPvB	Very Persistent and Very Bioaccumulative	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships	

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Abbreviations and acronyms:		
ADG	Transport of Australian Dangerous Goods	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
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	
OEL	Occupational Exposure Limit	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
ED	Endocrine disrupting properties	

Other information

: Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Full text of H- and EUH-statements:		
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	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H412	Harmful to aquatic life with long lasting effects.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0297

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]		
Eye Irrit. 2	H319	Calculation method

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 therefore not be construed as guaranteeing any specific property of the product.