Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 1/18/2023 Revision date: 1/18/2023 Supersedes: 7/20/2020 Version: 2.1 SDS No: 00056-0216

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

1.1. Product identifier

Product form Product name UFI Mixture
 Softalind ViscoRub / Softa-Man ViscoRub
 D2H1-TMVV-H10H-4K04

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

: Hand disinfectant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer	Supplier	
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)

B BRAUN

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2	H225
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Causes serious eye damage. May cause drowsiness or dizziness.

2.2. Label elements

/2008 [CLP]
: Danger
: Propan-1-ol
: H225 - Highly flammable liquid and vapour.
H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 - Do not breathe vapours. P280 - Wear eye protection.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

Extra phrases	 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. P501 - Dispose of contents and container to an approved waste disposal plant. Applies for those countries where this product is classified as medicinal product; as ready for use medicinal product, this product is not subject to labelling obligation according to the CE directives in these countries.
Labelling according to: exemption for packages of a	capacity of 125ml or less
Hazard pictograms (CLP)	
	GHS02 GHS05 GHS07
Signal word (CLP)	: Danger
Hazardous ingredients	: Propan-1-ol
Hazard statements (CLP)	: H318 - Causes serious eye damage.
	H336 - May cause drowsiness or dizziness.
Precautionary statements (CLP)	 P280 - Wear protective gloves/protective clothing/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. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Extra phrases	: Applies for those countries where this product is classified as medicinal product; as ready for use medicinal product, this product is not subject to labelling obligation according to the CE directives in these countries.

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 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

Comments

: Alcoholic solution

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610- 43	< 80	Flam. Liq. 2, H225 Eye Irrit. 2, H319

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propan-1-ol	CAS-No.: 71-23-8 EC-No.: 200-746-9 EC Index-No.: 603-003-00-0 REACH-no: 01-2119486761- 29	< 25	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 REACH-no: 01-2119457610- 43	(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 : 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. Call a poison center or a doctor if you feel unwell. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. First-aid measures after skin contact : No specific measures are necessary. First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist. First-aid measures after ingestion : Immediately give plenty of water. Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	:	May cause drowsiness or dizziness.
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 Unsuitable extinguishing media	Water spray. Dry powder. Alcohol resistant foam. Carbon dioxide.high volume water jet.	
5.2. Special hazards arising from the substance or mixture		
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	 Flammable liquid and vapour. Product is not explosive. Explosive vapour/air mixtures may be formed. Carbon oxides (CO, CO2). 	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

5.3. Advice for firefighters	
Precautionary measures fire	: Eliminate all ignition sources if safe to do so. 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	: Vapours are heavier than air and may spread along floors. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures		
General measures	: Remove ignition sources.	
6.1.1. For non-emergency personnel		
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours. 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		

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up		
For containment	: Dike and contain spill.	
Methods for cleaning up	: Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Notify authorities if product enters sewers or public waters.	
Other information	: Dispose of materials or solid residues at an authorized site.	
6.4. Reference to other sections		

Refer to protective measures listed in sections 7 and 8. For further information refer to section 13.

SECTION 7: Handling and stora	ge
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Always wash hands after handling the
7.2. Conditions for safe storage, in	product.
Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Keep container tightly closed in a dry, cool and well-ventilated place.
Incompatible materials	: alkali metals. alkaline earth metals. oxidizing materials.
Information on mixed storage	: Keep away from food, drink and animal feeding stuffs.
7.3. Specific end use(s)	

See Section 1.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

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

No additional information available

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.

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
Protective goggles (EN 166)	Liquid splashes may occur		EN 166

8.2.2.2. Skin protection

Skin and body protection	
Туре	Standard
Long sleeved protective clothing	EN ISO 6530

Hand protection:

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Butyl rubber	6 (> 480 minutes)	0,7		EN ISO 374

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

8.2.2.3. Respiratory protection

Respiratory protection				
Device	Filter type	Condition	Standard	
Respiratory protective device with a gas filter	Type A - High-boiling (>65 °C) organic compounds	In the event of insufficient ventilation:	EN 14387	

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Appearance	: Liquid.
Odour	: characteristic.
Odour threshold	: ≥ mg/m³
Melting point	: -114 °C Ethanol
Freezing point	: Not available
Boiling point	: 78 °C Ethanol
Flammability (solid, gas)	: Not applicable
Explosive properties	: Product is not explosive. Explosive vapour/air mixtures may be formed.
Oxidising properties	: Not oxidising.
Explosive limits	: Not available
Lower explosive limit (LEL)	: 3.5 vol % Ethanol
Upper explosive limit (UEL)	: 15 vol % Ethanol
Flash point	: 21 °C DIN 51755
Auto-ignition temperature	: 425 °C Ethanol
Decomposition temperature	: > 700 °C Ethanol
pH	: 8
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 200 – 600 mPa.s (25°C)
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: 59 hPa Ethanol
Vapour pressure at 50°C	: Not available
Density	: 0.854 – 0.861 g/cm ³
Relative density	: Not available
Relative vapour density at 20°C	: 2.07 Ethanol
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	:	< 80 %
Additional information	:	Solvent content < 80 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reacts with: alkaline earth metals. alkali metals. oxidizing materials.

10.4. Conditions to avoid

Vapour/air-mixtures are explosive at intense warming. Heating can release vapours which can be ignited.

10.5. Incompatible materials

alkali metals. alkaline earth metals. Oxidizing agent.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

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) Acute toxicity (inhalation)	 Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met)
Ethanol (64-17-5)	
LD50 oral rat	10470 mg/kg
LD50 oral	6200 mg/kg
LD50 dermal rabbit	15800 mg/kg
LD50 dermal	20000 mg/kg
LC50 Inhalation - Rat (Vapours)	30 mg/l/4h
Propan-1-ol (71-23-8)	
LD50 oral rat	> 8000 mg/kg
LD50 dermal rabbit	4032 mg/kg
LC50 Inhalation - Rat	> 33 mg/l 4 h
Skin corrosion/irritation	 Not classified (Based on available data, the classification criteria are not met) pH: 8
Serious eye damage/irritation	: Causes serious eye damage. pH: 8
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	: May cause drowsiness or dizziness.
Propan-1-ol (71-23-8)	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
11.2. Information on other hazards	
11.2.1. Endocrine disrupting properties	
No additional information available	

11.2.2. Other information

Potential adverse human health effects and symptoms : Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product, At high concentrations, the vapours may cause narcosis

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No ecotoxicological data about this product are known.
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)
Ethanol (64-17-5)	

Ethanol (64-17-5)		
LC50 fish 1	11200 mg/l 96 h	
EC50 Daphnia 1	5012 mg/l 48 h, Daphnia magna	
ErC50 algae	275 mg/l	
Propan-1-ol (71-23-8)		
LC50 fish 1	4555 mg/l 96 h, Pimephales promelas	
EC50 Daphnia 1	3644 ml/l 48 h,Daphnia magna	
NOEC chronic crustacea	> 100 mg/l 21 d, Daphnia magna	
NOEC chronic algae	1150 mg/l 2 d,Chlorella sp.	

12.2. Persistence and degradability

Softalind ViscoRub / Softa-Man ViscoRub		
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.	
Ethanol (64-17-5)		
Persistence and degradability	Readily biodegradable.	
Propan-1-ol (71-23-8)		
BOD (% of ThOD)	75 % ThOD 20 d	

12.3. Bioaccumulative potential

Ethanol (64-17-5)	
Bioconcentration factor (BCF REACH) 0.06	
Log Pow	-0.3

12.4. Mobility in soil

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

Softalind ViscoRub / Softa-Man ViscoRub			
This substance/mixture does not meet the PBT c	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	Slightly hazardous to water.Prevent entry to sewers and public waters		

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Waste treatment methods	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Can be incinerated according to local regulations. Recycling is preferred to disposal or incineration. 	
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 04* - other organic solvents, washing liquids and mother liquors	

SECTION 14: Transport information

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

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
UN 1987	UN 1987	UN 1987	UN 1987	UN 1987
14.2. UN proper shippin	g name			
ALCOHOLS, N.O.S. (Ethanol ; Propan-1-ol)	ALCOHOLS, N.O.S. (Ethanol ; Propan-1-ol)	Alcohols, n.o.s. (Ethanol ; Propan-1-ol)	ALCOHOLS, N.O.S. (Ethanol ; Propan-1-ol)	ALCOHOLS, N.O.S. (Ethanol ; Propan-1-ol)
Transport document descr	iption			
UN 1987 ALCOHOLS, N.O.S. (Ethanol ; Propan-1- ol), 3, II, (D/E)	UN 1987 ALCOHOLS, N.O.S. (Ethanol ; Propan-1- ol), 3, II	UN 1987 Alcohols, n.o.s. (Ethanol ; Propan-1-ol), 3, II	UN 1987 ALCOHOLS, N.O.S. (Ethanol ; Propan-1- ol), 3, II	UN 1987 ALCOHOLS, N.O.S. (Ethanol ; Propan-1- ol), 3, II
14.3. Transport hazard o	class(es)			
3	3	3	3	3

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information	on available	I	L	

14.6. Special precautions for user

Overland transport

Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Transport category (ADR) Hazard identification number (Kemler No.)	: F1 : 274, 601, 640D : 1I : E2 : P001, IBC02, R001 : MP19 : 2 : 33
Orange plates Tunnel restriction code (ADR)	: 33 1987 : D/E
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG)	: 274 : 1 L : E2 : P001 : IBC02 : T7 : TP1, TP8, TP28 : F-E : S-D : B
Air transport PCA Excepted quantities (IATA) PCA Limited quantities (IATA) PCA limited quantity max net quantity (IATA) PCA packing instructions (IATA) PCA max net quantity (IATA) CAO packing instructions (IATA) CAO max net quantity (IATA) Special provisions (IATA) ERG code (IATA)	: E2 : Y341 : 1L : 353 : 5L : 364 : 60L : A3, A180 : 3L
Inland waterway transport Classification code (ADN) Special provisions (ADN) Limited quantities (ADN) Excepted quantities (ADN) Carriage permitted (ADN) Equipment required (ADN) Ventilation (ADN) Number of blue cones/lights (ADN)	: F1 : 274, 601, 640D : 1 L : E2 : T : PP, EX, A : VE01 : 1

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216 $\,$

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 274, 601, 640D
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02, R001
Transport category (RID)	: 2
Hazard identification number (RID)	: 33

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

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)

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

: < 80 %

Detergent Regulation (648/2004)

Detergent Regulation (648/2004/EC): Labelling of contents: Component

Ingredients subject to the labelling obligation according to SCCP: -

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)

Seveso Directive (Disaster Risk Reduction)

Seveso III Part I (Categories of dangerous substances)	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b	5000	50000

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216 $\,$

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: ADR European Agreement concerning the International Carriage of Dangerous Goods by Road ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways 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 CAS CAS (Chemical Abstracts Service) number IBC-Code International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk ATE Acute Toxicity Estimate CLP Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 BCF **Bioconcentration factor** MARPOL 73/78 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships ADG Transport of Australian Dangerous Goods

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:		
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.	
H318	Causes serious eye damage.	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0216

Full text of H- and EUH-statements:		
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Narcosis		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Flam. Liq. 2	H225	On basis of test data
Eye Dam. 1	H318	Calculation method
STOT SE 3	H336	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.