# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 1/19/2023 Revision date: 1/19/2023 Supersedes: 7/15/2020 Version: 2.1 SDS No: 00056-0269

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

#### 1.1. Product identifier

Product form Product name UFI : Mixture : Meliseptol Wipes Sensitive : 4MN1-NMFW-R10R-6NVJ

#### 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

: Fast acting alcoholic disinfectant for small surfaces

#### 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)

## SECTION 2: Hazards identification

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

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

Flammable liquids, Category 3H226Serious eye damage/eye irritation, Category 1H318Full text of H- and EUH-statements: see section 16H318

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

Flammable liquid and vapour. Causes serious eye damage.

#### 2.2. Label elements

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

Hazard pictograms (CLP)

Signal word (CLP) Contains Hazard statements (CLP)

Precautionary statements (CLP)



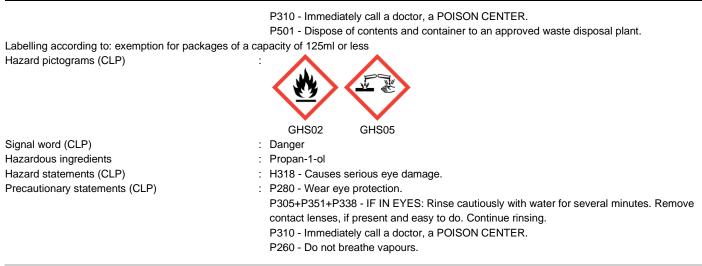
- : Danger
- : Propan-1-ol
- : H226 Flammable liquid and vapour.
- H318 Causes serious eye damage.P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking.
- P260 Do not breathe vapours.
- P280 Wear eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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#### 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

: Tissues impregnated with 1-propyl alcohol solution

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	< 20	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
Didecyldimethylammonium chloride	CAS-No.: 7173-51-5 EC-No.: 230-525-2 EC Index-No.: 612-131-00-6 REACH-no: 01-2119945987- 15	< 0,25	Acute Tox. 3 (Oral), H301 (ATE=238 mg/kg bodyweight) Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411

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. 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	: Ingestion is not a potential route of exposure. Rinse mouth. Immediately give plenty of water. Never give anything by mouth to an unconscious person. Call a physician immediately.

#### 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 Unsuitable extinguishing media	<ul><li>Water spray. Dry powder. Alcohol resistant foam. Carbon dioxide.</li><li>high volume water jet.</li></ul>
5.2. Special hazards arising from the subst	tance or mixture
Fire hazard Explosion hazard Hazardous decomposition products in case of fire	<ul> <li>Flammable liquid and vapour.</li> <li>Product is not explosive. Explosive vapour/air mixtures may be formed.</li> <li>Carbon oxides (CO, CO2). Nitrous gasses. Chlorine compounds.</li> </ul>
5.3. Advice for firefighters	
Precautionary measures fire	: Cool endangered containers with water spray jet. Eliminate all ignition sources if safe to do so.
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, protect	ive 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		

# 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".

vapours. Avoid contact with skin and eyes.

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#### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Avoid release to the environment.

# 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

Other information

Notify authorities if product enters sewers or public waters.
 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 stor	age
7.1. Precautions for safe handling	
Precautions for safe handling	: 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.
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, in	ncluding any incompatibilities
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.

## 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

Propan-1-ol (71-23-8)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	1723 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	136 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	268 mg/m <sup>3</sup>

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Propan-1-ol (71-23-8)			
DNEL/DMEL (General population)			
Acute - systemic effects, inhalation	1036 mg/m <sup>3</sup>		
Long-term - systemic effects,oral	61 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	80 mg/m³		
Long-term - systemic effects, dermal	81 mg/kg bodyweight/day		
PNEC (Water)			
PNEC aqua (freshwater)	10 mg/l		
PNEC aqua (marine water)	1 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	22.8 mg/kg dwt		
PNEC sediment (marine water)	2.28 mg/kg dwt		
PNEC (Soil)			
PNEC soil	2.2 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	96 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.

## 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

#### 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	Nitrile rubber	6 (> 480 minutes)	0,4		EN ISO 374

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#### 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.

#### 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.

# SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: White.
Appearance	: Liquid on inert carrier.
Odour	: alcoholic.
Odour threshold	: Not available
Melting point	: < -127 °C Propan-1-ol
Freezing point	: Not available
Boiling point	: 97 °C Propan-1-ol
Flammability (solid, gas)	: Not applicable
Explosive properties	: Product is not explosive. May form flammable/explosive vapour-air mixture.
Oxidising properties	: Oxidising properties. Not oxidising.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 31.5 °C DIN 51755
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
рН	: 7 (5 %)
Viscosity, kinematic	: Not available
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Kow)	: 0.2 Propan-1-ol
Vapour pressure	: 28.2 hPa Propan-1-ol
Vapour pressure at 50°C	: Not available
Density	: 0.972 – 0.978 g/cm <sup>3</sup>
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	:	< 20 % fluid
Additional information	:	Solvent content < 20 %

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## **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

No hazardous decomposition products known. Fire may produce: Carbon oxides (CO, CO2). Nitrous gas. Chlorine compounds.

# **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 : Not classified (Based on available data, the classification criteria are not met) Acute toxicity (oral) 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) Propan-1-ol (71-23-8) LD50 oral rat > 8000 mg/kg LD50 dermal rabbit 4032 mg/kg LC50 Inhalation - Rat (Vapours) > 33.8 mg/l/4h (OECD 403 method) Didecyldimethylammonium chloride (7173-51-5) LD50 oral rat 238 mg/kg (OECD 401 method) LD50 dermal rabbit 3342 mg/kg ATE CLP (oral) 238 mg/kg bodyweight ATE CLP (dermal) 3342 mg/kg bodyweight Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met) pH: 7 (5 %) Serious eye damage/irritation : Causes serious eye damage. pH: 7 (5 %) Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met) Not classified (Based on available data, the classification criteria are not met) Germ cell mutagenicity 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) 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) Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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### 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

: High concentration of vapours may induce: headache, nausea, dizziness,Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product

# **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 Not classified
Propan-1-ol (71-23-8)	
LC50 fish 1	4555 mg/l Pimephales promelas
EC50 Daphnia 1	3644 mg/l Daphnia magna (Water flea)
NOEC chronic crustacea	> 100 Daphnia magna (Water flea)
NOEC chronic algae	1150 mg/l Chlorella sp.
Didecyldimethylammonium chloride (7173-51	-5)
LC50 fish 1	0.19 mg/l Pimephales promelas [US-EPA]
EC50 Daphnia 1	0.062 mg/l Daphnia magna (Water flea) [EPA-FIRA]
ErC50 algae	0.026 mg/l Pseudokirchneriella subcapitata (OECD 201 method)
NOEC chronic fish	0.032 mg/l Brachydanio rerio (zebra-fish) (OECD 210 method) [34 d]
NOEC chronic crustacea	0.014 mg/l Daphnia magna (Water flea) [21 d]

## 12.2. Persistence and degradability

Meliseptol Wipes Sensitive		
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

Meliseptol Wipes Sensitive	
Partition coefficient n-octanol/water (Log Kow)	0.2 Propan-1-ol

## 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

#### Meliseptol Wipes Sensitive

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

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Meliseptol Wipes Sensitive				
This substance/mixture does not meet the vPvB 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	<ul><li>Slightly hazardous to water.</li><li>Prevent entry to sewers and public waters</li></ul>			

SECTION 13: Disposal considerations		
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	
Product/Packaging disposal recommendations	<ul><li>incineration.</li><li>Empty containers should be taken for local recycling, recovery or waste disposal.</li><li>Contaminated packaging should be emptied as far as possible and after appropriate</li></ul>	
European List of Waste (LoW) code	<ul> <li>cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.</li> <li>O7 06 04* - other organic solvents, washing liquids and mother liquors</li> </ul>	

# **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number or ID number					
UN 3175	UN 3175	UN 3175	UN 3175	UN 3175	
14.2. UN proper shippin	g name				
SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol)	Solids containing flammable liquid, n.o.s. (Propan-1-ol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol)	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol)	
Transport document descr	iption				
UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol), 4.1, II, (E)	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol), 4.1, II	UN 3175 Solids containing flammable liquid, n.o.s. (Propan-1-ol), 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol), 4.1, II	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Propan-1-ol), 4.1, II	
14.3. Transport hazard of	14.3. Transport hazard class(es)				
4.1	4.1	4.1	4.1	4.1	

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.4. Packing group				
II	II	II	II	II
14.5. Environmental haz	ards			
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 informatic	n available	L	1	L

## 14.6. Special precautions for user

#### **Overland transport**

Overland transport	. 51
Classification code (ADR)	: F1
Special provisions (ADR)	: 216, 274, 601
Limited quantities (ADR)	: 1kg
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P002, IBC06, R001
Special packing provisions (ADR)	: PP9
Mixed packing provisions (ADR)	: MP11
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 40
Orange plates	· <b>/</b> 0
	40
	40 3175
	5175
Tunnel restriction code (ADR)	: E
Transport by sea	
Special provisions (IMDG)	: 216, 274
Packing instructions (IMDG)	: P002
Special packing provisions (IMDG)	: PP9
IBC packing instructions (IMDG)	: IBC06
IBC special provisions (IMDG)	: B21
Tank instructions (IMDG)	: T3, BK2
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-I
Stowage category (IMDG)	: B
Air transport	
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y441
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 445
PCA max net quantity (IATA)	: 15kg
CAO packing instructions (IATA)	: 448
CAO max net quantity (IATA)	: 50kg
Special provisions (IATA)	: A46
ERG code (IATA)	: 3L
	. 3L
Inland waterway transport	. 54
Classification code (ADN)	: F1
Special provisions (ADN)	: 216, 274, 601, 800
Limited quantities (ADN)	: 1 kg
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: B
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE03

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Number of blue cones/lights (ADN) Additional requirements/Remarks (ADN)	: 1 : VE03, IN01 and IN02 apply only when this substance is carried in bulk or without packaging
Rail transport	
Classification code (RID)	: F1
Special provisions (RID)	: 216, 274, 601
Limited quantities (RID)	: 1kg
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P002, IBC06, R001
Transport category (RID)	: 2
Hazard identification number (RID)	: 40

#### 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 substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Didecyldimethylammonium chloride (7173-51-5)

#### 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

: < 20 % fluid

#### Detergent Regulation (648/2004)

Detergent Regulation (648/2004/EC): Labelling of contents:	
Component	
non-ionic surfactants < 5% 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)

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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		

#### 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		
РВТ	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.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 SDS No: 00056-0269

Full text of H- and EUH-statements:			
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3		
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2		
Eye Dam. 1	Serious eye damage/eye irritation, Category 1		
Flam. Liq. 2	Flammable liquids, Category 2		
Flam. Liq. 3	Flammable liquids, Category 3		
H225	Highly flammable liquid and vapour.		
H226	Flammable liquid and vapour.		
H301	Toxic if swallowed.		
H314	Causes severe skin burns and eye damage.		
H318	Causes serious eye damage.		
H336	May cause drowsiness or dizziness.		
H400	Very toxic to aquatic life.		
H411	Toxic to aquatic life with long lasting effects.		
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B		
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. 3	H226	On basis of test data	
Eye Dam. 1	H318	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.