

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



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

1.1. Product identifier

Product form : Mixture

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

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

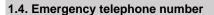
1.3. Details of the supplier of the safety data sheet

Manufacturer Supplier

B. Braun Medical AG B. Braun Melsungen AG Seesatz 17 Carl-Braun-Straße 1 CH-6204 Sempach D-34212 Melsungen Switzerland Germany

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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]

H226 Flammable liquids, Category 3 H318 Serious eye damage/eye irritation, Category 1

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

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) : Danger Contains : Propan-1-ol

Hazard statements (CLP) : H226 - Flammable liquid and vapour. H318 - Causes serious eye damage.

Precautionary statements (CLP) : 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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P310 - Immediately call a doctor, a POISON CENTER.

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

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

Hazard pictograms (CLP) :





GHS02 GHS05

Signal word (CLP) : Danger Hazardous ingredients : Propan-1-ol

Hazard statements (CLP) : H318 - Causes serious eye damage.

Precautionary statements (CLP) : 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. P310 - Immediately call a doctor, a POISON CENTER.

P260 - Do not breathe vapours.

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 ≥ 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-	< 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 : Water spray. Dry powder. Alcohol resistant foam. Carbon dioxide.

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : Product is not explosive. Explosive vapour/air mixtures may be formed.

: Carbon oxides (CO, CO2). Nitrous gasses. Chlorine compounds. Hazardous decomposition products in case of fire

5.3. Advice for firefighters

: Cool endangered containers with water spray jet. Eliminate all ignition sources if safe to do Precautionary measures fire

: Fight fire from safe distance and protected location. Firefighting instructions

: Do not attempt to take action without suitable protective equipment. Self-contained Protection during firefighting

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

: Remove ignition sources. General measures

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".

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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.

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 storage

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, including 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/m³
Long-term - systemic effects, dermal	136 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	268 mg/m³

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Propan-1-ol (71-23-8)			
DNEL/DMEL (General population)	DNEL/DMEL (General population)		
Acute - systemic effects, inhalation	1036 mg/m³		
Long-term - systemic effects,oral	61 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	80 mg/m ³		
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.

: Not available **Explosive limits** : Not available Lower explosive limit (LEL) Upper explosive limit (UEL) : Not available Flash point : 31.5 °C DIN 51755 Auto-ignition temperature : Not available Decomposition temperature : Not available : 7 (5 %) рΗ 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/cm³ 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

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)

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 chloric	de (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)	
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)	
Propan-1-ol (71-23-8)		

3 1	
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

Ecology - general : No ecotoxicological data about this product are known.

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: 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 : Slightly hazardous to water.

Additional information : 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	IATA	ADN	RID
14.1. UN number or ID n	14.1. UN number or ID number			
UN 3175	UN 3175	UN 3175	UN 3175	UN 3175
14.2. UN proper shippin	14.2. UN proper shipping 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	Transport document description			
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 class(es)				
4.1	4.1	4.1	4.1	4.1

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ADR	IMDG	IATA	ADN	RID
14.4. Packing group				
11	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 available				

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14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1

216, 274, 601 Special provisions (ADR)

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

3175

Tunnel restriction code (ADR) : E

Transport by sea

Orange plates

Special provisions (IMDG) : 216, 274 : P002 Packing instructions (IMDG) 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 : B Stowage category (IMDG)

Air transport

PCA Excepted quantities (IATA) : E2 : Y441 PCA Limited quantities (IATA) : 5kg PCA limited quantity max net quantity (IATA) : 445 PCA packing instructions (IATA) 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

Inland waterway transport

Classification code (ADN) : F1

Special provisions (ADN) : 216, 274, 601, 800

: 1 kg Limited quantities (ADN) Excepted quantities (ADN) : E2 Carriage permitted (ADN) Equipment required (ADN) : PP, EX, A Ventilation (ADN) : VE01, VE03

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Number of blue cones/lights (ADN) : 1

Additional requirements/Remarks (ADN) : 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)	angerous 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	
IATA	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.

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.