

Meliseptol Wipes Sensitive

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 : Mixture
Product name : Meliseptol Wipes Sensitive
UFI : 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

B. Braun Medical AG
Seesatz 17
CH-6204 Sempach
Switzerland
T +41 (0) 58 / 258 50 00
info.bbmch@bbraun.com

Supplier

B. Braun Melsungen AG
Carl-Braun-Straße 1
D-34212 Melsungen
Germany
T +49(0) 5661 / 71-4422
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)

Lieferant / Supplier:
Carl Roth GmbH + Co KG
Schmepfenstr. 3-5
76185 Karlsruhe, Germany
+49 721 5606 0
sicherheit@carlroth.de

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Serious eye damage/eye irritation, Category 1 H318
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 $\geq 0.1\%$ 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 | : 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. |
| Hazardous decomposition products in case of fire | : Carbon oxides (CO, CO ₂). Nitrous gasses. Chlorine compounds. |

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, 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". |
|----------------------|---|

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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/m ³ |
| Long-term - systemic effects, dermal | 136 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 268 mg/m ³ |

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| Propan-1-ol (71-23-8) | |
|--|-------------------------|
| DNEL/DMEL (General population) | |
| Acute - systemic effects, inhalation | 1036 mg/m ³ |
| 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 | | | |
|-----------------------------|---------------------------|-----------------|----------|
| Type | 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 | | | | | |
|--|----------------|-------------------|----------------|-------------|------------|
| Type | 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 |
| pH | : 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 ³ |
| 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 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)

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) | |
|------------------------------|------------------------------------|
| 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) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : 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

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| | |
|-------------------------------|--|
| 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

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| | |
|---|-----------------|
| 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

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

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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 number | | | | |
| UN 3175 | UN 3175 | UN 3175 | UN 3175 | UN 3175 |
| 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 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 | | | | |
| 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 available | | | | |

14.6. Special precautions for user

Overland transport

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 :



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

Inland waterway transport

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) : 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) | 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.

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| 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.