Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 4039-103-20 Issue date: 6/23/2020 Version: 2.0

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

1.1. Product identifier

Product form: MixtureProduct name: CYCLONE MOUSSE SANS PARFUMProduct code: 10693Type of product: Biocide,DetergentVaporizer: AerosolProduct group: Trade product

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

1.2.1. Relevant identified uses

Main use category Industrial/Professional use spec Professional useIndustrialFor professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

IPC

10 Quai Malbert, 29200, BREST, FRANCE. Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53 ipc@groupe-ipc.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

| 2.1. Classification of the substance or mixture | | |
|---|-----------|--|
| Classification according to Regulation (EC) No. 1272/2008 [CL | P] | |
| Aerosol, Category 1 | H222;H229 | |
| Skin corrosion/irritation, Category 1 | H314 | |
| Serious eye damage/eye irritation, Category 1 | H318 | |
| Full text of H- and EUH-statements: see section 16 | | |
| Adverse physicochemical, human health and environmental e | ifects | |
| No additional information available | | |
| 2.2. Label elements | | |
| Labelling according to Regulation (EC) No. 1272/2008 [CLP] | | |
| Hazard pictograms (CLP) : | | |

Signal word (CLP)

GHS02 : Danger GHS05

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| Contains | 2-AMINOETHANOL, 2-PROPYLHEPTANOLETHOXYLATE, ALCOOL C12-14, ETHOXYLATED |
|--------------------------------|--|
| Hazard statements (CLP) | : H222 - Extremely flammable aerosol. |
| | H229 - Pressurised container: May burst if heated. |
| | H314 - Causes severe skin burns and eye damage. |
| Precautionary statements (CLP) | : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| | P211 - Do not spray on an open flame or other ignition source. |
| | P251 - Do not pierce or burn, even after use. |
| | P260 - Do not breathe spray. |
| | P280 - Wear eye protection, face protection, protective gloves. |
| | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. |
| | Rinse skin with water. |
| | 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. |
| | P405 - Store locked up. |
| | P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |
| | P501 - Dispose of contents and container to compliance with local regulations. |
| | P102 - Keep out of reach of children. |

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------------------|---|
| butane substance with national workplace exposure limit(s) (FR) | CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 | 10 – 20 | Flam. Gas 1, H220 Press. Gas |
| ethanol; ethyl alcohol substance with national workplace exposure limit(s) (FR) | CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 | 2.27304 – 2.8413 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 |
| ALCOOL C12-14, ETHOXYLATED | CAS-No.: 68439-50-9 | 1.6 – 2 | Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether | CAS-No.: 112-34-5 EC-No.: 203-961-6 EC Index-No.: 603-096-00-8 REACH-no: 01-2119475104- 44 | 1.592 – 1.99 | Eye Irrit. 2, H319 |
| Dipropyleneglycol substance with national workplace exposure limit(s) (FR); substance with a Community workplace exposure limit | CAS-No.: 34590-94-8 EC-No.: 252-104-2 REACH-no: 01-2119450011- 60 | 1.592 – 1.99 | Not classified |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---------------------|--|
| 3-butoxypropan-2-ol; propylene glycol monobutyl ether | CAS-No.: 5131-66-8 EC-No.: 225-878-4 EC Index-No.: 603-052-00-8 REACH-no: 01-2119475527- 28 | 1.592 – 1.99 | Eye Irrit. 2, H319 Skin Irrit. 2, H315 |
| 2-PROPYLHEPTANOLETHOXYLATE | CAS-No.: 160875-66-1 REACH-no: 02-2119549160- 47 | 1.2672 – 1.584 | Eye Dam. 1, H318 Acute Tox. 4 (Oral), H302 |
| didecyldimethylammonium chloride | CAS-No.: 7173-51-5 EC-No.: 230-525-2 EC Index-No.: 612-131-00-6 | 0.636 – 0.795 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 2, H411 |
| Oxyde de dodécyldimethylamine | CAS-No.: 1643-20-5;308062- 28-4 EC-No.: 216-700-6; 608-528- 9 | 0.4776 – 0.597 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| morpholine substance with national workplace exposure limit(s) (FR) | CAS-No.: 110-91-8 EC-No.: 203-815-1 EC Index-No.: 613-028-00-9 | 0.23928 – 0.2991 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 |

| Specific concentration limits: | | |
|--------------------------------|---|-----------------------------------|
| Name | Product identifier | Specific concentration limits |
| ethanol; ethyl alcohol | CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5 | (50 ≤C < 100) Eye Irrit. 2, H319 |

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. 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 | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Cough. Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. |
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor. |
| First-aid measures after eye contact | Direct contact with the eyes is likely to be irritating. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. |
| 4.2. Most important symptoms and effec | ts, both acute and delayed |
| Symptoms/effects Symptoms/effects after inhalation Symptoms/effects after eye contact | Causes severe skin burns and eye damage.Shortness of breath.Causes serious eye damage. |

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4.3. Indication of any immediate medical attention and special treatment needed

Avis au médecin.

| SECTION 5: Firefighting measures | |
|--|--|
| 5.1. Extinguishing media | |
| Suitable extinguishing media Unsuitable extinguishing media | Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream. |
| 5.2. Special hazards arising from the s | ubstance or mixture |
| Fire hazard Explosion hazard | Extremely flammable aerosol. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| 5.3. Advice for firefighters | |
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. DO NOT fight fire when fire reaches explosives. Evacuate area. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

| SECTION 6: Accidental release measures | | | |
|--|--|--|--|
| 6.1. Personal precautions, protective equipm | ent and emergency procedures | | |
| General measures | No open flames. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges. | | |
| 6.1.1. For non-emergency personnel | | | |
| Emergency procedures : | Evacuate unnecessary personnel. | | |
| 6.1.2. For emergency responders | | | |
| Protective equipment | Equip cleanup crew with proper protection. | | |
| Emergency procedures | Ventilate area. | | |
| 6.2. Environmental precautions | | | |

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

: Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

| SECTION 7: Handling and storage | |
|--|---|
| 7.1. Precautions for safe handling | |
| Additional hazards when processed Precautions for safe handling | Hazardous waste due to potential risk of explosion. Do not pierce or burn, even after use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not spray on an open flame or other ignition source. Do not breathe aérosols. Avoid contact during pregnancy/while nursing. |
| Hygiene measures | : Wash les mains thoroughly after handling. |

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| 7.2. Conditions for safe storage, including any incompatibilities | | |
|---|---|--|
| Technical measures | : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations. | |
| Storage conditions | Keep only in the original container in a cool, well ventilated place away from : sources de chaleur. Keep container closed when not in use. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep in fireproof place. | |
| Incompatible products | : Strong bases. Strong acids. | |
| Incompatible materials | : Sources of ignition. Direct sunlight. Heat sources. | |
| Storage temperature | : 5 – 50 °C | |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

| morpholine (110-91-8) | | |
|--|----------------------------------|--|
| France - Occupational Exposure Limits | | |
| Local name | Morpholine | |
| VME (OEL TWA) | 36 mg/m ³ | |
| VME (OEL TWA) [ppm] | 10 ppm | |
| VLE (OEL C/STEL) | 72 mg/m³ | |
| VLE (OEL C/STEL) [ppm] | 20 ppm | |
| ethanol; ethyl alcohol (64-17-5) | | |
| France - Occupational Exposure Limits | | |
| Local name | Alcool éthylique | |
| VME (OEL TWA) | 1900 mg/m ³ | |
| VME (OEL TWA) [ppm] | 1000 ppm | |
| VLE (OEL C/STEL) | 9500 mg/m³ | |
| VLE (OEL C/STEL) [ppm] | 5000 ppm | |
| Dipropyleneglycol (34590-94-8) | | |
| EU - Indicative Occupational Exposure Limit (IOEL) | | |
| Local name | (2-Methoxymethylethoxy)-propanol | |
| IOEL TWA | 308 mg/m ³ | |
| IOEL TWA [ppm] | 50 ppm | |
| Remark | Skin | |
| France - Occupational Exposure Limits | | |
| Local name | (2-méthoxyméthylethoxy)-propanol | |
| VME (OEL TWA) | 308 mg/m ³ | |
| VME (OEL TWA) [ppm] | 50 ppm | |

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| butane (106-97-8) | |
|---------------------------------------|------------------------|
| France - Occupational Exposure Limits | |
| Local name | n-Butane |
| VME (OEL TWA) | 1900 mg/m ³ |
| VME (OEL TWA) [ppm] | 800 ppm |

8.1.2. Recommended monitoring procedures

No additional information 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

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or face shield

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection: Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

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| SECTION 9: Physical and chemical properties | | |
|---|--------------------------------|--|
| 9.1. Information on basic physical and ch | nemical properties | |
| Physical state Colour | : Liquid : Colourless. | |
| Ddour | : characteristic. | |
| Dour threshold | : Not available | |
| Melting point | : Not available | |
| Freezing point | : Not available | |
| Boiling point | : Not available | |
| Flammability | : Extremely flammable aerosol. | |
| Explosive limits | : Not available | |
| ∟ower explosive limit (LEL) | : Not available | |
| Jpper explosive limit (UEL) | : Not available | |
| Flash point | : Not applicable | |
| Auto-ignition temperature | : Not available | |
| Decomposition temperature | : Not available | |
| ън | : 12.8 | |
| /iscosity, kinematic | : Not available | |
| Solubility | : Not available | |
| Partition coefficient n-octanol/water (Log Kow) | : Not available | |
| /apour pressure | : Not available | |
| /apour pressure at 50 °C | : Not available | |
| Density | : Not available | |
| Relative density | : 1 | |
| Relative vapour density at 20 °C | : Not available | |
| Particle size | : Not applicable | |
| Particle size distribution | : Not applicable | |
| Particle shape | : Not applicable | |
| Particle aspect ratio | : Not applicable | |
| Particle aggregation state | : Not applicable | |
| Particle agglomeration state | : Not applicable | |
| Particle specific surface area | : Not applicable | |
| Particle dustiness | : Not applicable | |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients

: 43.47728

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability

Not established. Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

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10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapours.

| SECTION 11: Toxicological information | |
|---|--|
| 11.1. Information on hazard classes as defi | |
| Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation) | Not classified Not classified Not classified |
| didecyldimethylammonium chloride (7173- | 51-5) |
| LD50 oral rat | 238 mg/kg |
| ethanol; ethyl alcohol (64-17-5) | |
| LD50 oral rat | 10470 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat | 124.7 mg/l |
| 2-(2-butoxyethoxy)ethanol; diethylene glyo | ol monobutyl ether (112-34-5) |
| LD50 oral rat | 3384 mg/kg |
| LD50 dermal rabbit | 2700 mg/kg |
| Dipropyleneglycol (34590-94-8) | |
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | 9510 mg/kg |
| 2-PROPYLHEPTANOLETHOXYLATE (1608 | 75-66-1) |
| LD50 oral | > 2000 mg/kg bodyweight |
| Skin corrosion/irritation | : Causes severe skin burns. |
| Serious eye damage/irritation | pH: 12.8 : Causes serious eye damage. pH: 12.8 |
| Respiratory or skin sensitisation Additional information Germ cell mutagenicity | Not classified Based on available data, the classification criteria are not met Not classified |
| Additional information Carcinogenicity Additional information | Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met |
| Reproductive toxicity Additional information | Based on available data, the classification criteria are not met Based on available data, the classification criteria are not met |
| STOT-single exposure Additional information | Not classified Based on available data, the classification criteria are not met Not classified |
| STOT-repeated exposure Additional information Aspiration hazard | Not classified Based on available data, the classification criteria are not met Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| CYCLONE MOUSSE SANS PARFUM - 1069 | 3 - AEROSOL - IPC - 12x500mL |
| Vaporizer | Aerosol |

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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 : | Based on available data, the classification criteria are not met |
| symptoms | |
| | |
| SECTION 12: Ecological information | |
| 12.1. Toxicity | |
| Hazardous to the aquatic environment, short-term : Not classified | |
| (acute) Hazardous to the aquatic environment, long-term : (chronic) | Not classified |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol | monobutyl ether (112-34-5) |
| LC50 - Fish [1] | 1300 mg/l |
| LC50 - Other aquatic organisms [1] | 2750 mg/l |
| EC50 - Crustacea [1] | 2850 mg/l |
| NOEC (acute) | > 100 mg/l |
| Dipropyleneglycol (34590-94-8) | |
| LC50 - Fish [1] | 10000 mg/l |
| 12.2. Persistence and degradability | |
| CYCLONE MOUSSE SANS PARFUM - 10693 - | AEROSOL - IPC - 12x500mL |
| Persistence and degradability | Not established. |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether (112-34-5) | |
| Persistence and degradability | Not established. |
| Dipropyleneglycol (34590-94-8) | |
| Persistence and degradability | Not established. |
| 3-butoxypropan-2-ol; propylene glycol monok | outyl ether (5131-66-8) |
| Persistence and degradability | Not established. |
| Biodegradation | 90 % 28 jours |
| 12.3. Bioaccumulative potential | |
| CYCLONE MOUSSE SANS PARFUM - 10693 - AEROSOL - IPC - 12x500mL | |
| Bioaccumulative potential | Not established. |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol | monobutyl ether (112-34-5) |
| Bioaccumulative potential | Not established. |
| Dipropyleneglycol (34590-94-8) | |
| Bioaccumulative potential | Not established. |
| | |

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| 3-butoxypropan-2-ol; propylene glycol mon | obutyl ether (5131-66-8) |
|--|---|
| Bioaccumulative potential | Not established. |
| 12.4. Mobility in soil | |
| No additional information available | |
| 12.5. Results of PBT and vPvB assessment | |
| No additional information available | |
| 12.6. Endocrine disrupting properties | |
| No additional information available | |
| 12.7. Other adverse effects | |
| Additional information | : Avoid release to the environment. |
| | |
| SECTION 13: Disposal considerations | |
| 13.1. Waste treatment methods | |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use. Dispose of contents/container to le respect de |

| | la réglementation locale. | |
|---------------------------|---|---------|
| Additional information | Flammable vapours may accumulate in the con | tainer. |
| Ecology - waste materials | Avoid release to the environment. | |

SECTION 14: Transport information

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

| 14.1. UN number or ID number | |
|--|--|
| UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID) | : UN 1950 |
| 14.2. UN proper shipping name | |
| Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR) Transport document description (IMDG) Transport document description (IATA) Transport document description (ADN) Transport document description (RID) | AEROSOLS AEROSOLS Aerosols, flammable AEROSOLS AEROSOLS UN 1950 AEROSOLS, 2.1, (D) UN 1950 AEROSOLS, 2.1 |
| 14.3. Transport hazard class(es) | |
| ADR Transport hazard class(es) (ADR) Danger labels (ADR) | : 2.1 : 2.1 |

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| IMDG Transport hazard class(es) (IMDG) Danger labels (IMDG) | : 2.1 : 2.1 |
|--|--|
| IATA Transport hazard class(es) (IATA) Danger labels (IATA) | : 2.1 : 2.1 : |
| ADN Transport hazard class(es) (ADN) Danger labels (ADN) | : 2.1 : 2.1 : |
| RID Transport hazard class(es) (RID) Danger labels (RID) | : 2.1 : 2.1 : |
| 14.4. Packing group | |
| Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID) | Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable |
| 14.5. Environmental hazards | |
| Dangerous for the environment Marine pollutant Other information | : No : No : No supplementary information available |
| 14.6. Special precautions for user | |
| Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Special packing provisions (ADR) Mixed packing provisions (ADR) Transport category (ADR) Special provisions for carriage - Packages (ADR) | 5F 190, 327, 344, 625 11 E0 P207 PP87, RR6, L2 MP9 2 V14 |
| 0/00/0000 (lanua data) | |

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| Special provisions for carriage - Loading, unl | oading : CV9, CV12 |
|---|------------------------------------|
| and handling (ADR) Special provisions for carriage - Operation (A | ADR) : S2 |
| Tunnel restriction code (ADR) | : D |
| Tunnel restriction code (ADR) | . 0 |
| Transport by sea | |
| Special provisions (IMDG) | : 63, 190, 277, 327, 344, 381, 959 |
| Packing instructions (IMDG) | : P207, LP200 |
| Special packing provisions (IMDG) | : PP87, L2 |
| EmS-No. (Fire) | : F-D |
| EmS-No. (Spillage) | : S-U |
| Stowage category (IMDG) | : None |
| Stowage and handling (IMDG) | : SW1, SW22 |
| Segregation (IMDG) | : SG69 |
| Air transport | |
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | - |
| PCA packing instructions (IATA) | : 203 |
| PCA max net quantity (IATA) | : 75kg |
| CAO packing instructions (IATA) | : 203 |
| CAO max net quantity (IATA) | : 150kg |
| Special provisions (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |
| Inland waterway transport | _ |
| Classification code (ADN) | : 5F |
| Special provisions (ADN) | : 190, 327, 344, 625 |
| Limited quantities (ADN) | : 1L |
| Excepted quantities (ADN) | : E0 |
| Equipment required (ADN) | : PP, EX, A |
| Ventilation (ADN) Number of blue cones/lights (ADN) | : VE01, VE04 : 1 |
| Number of blue cones/lights (ADN) | . 1 |
| Rail transport | |
| Classification code (RID) | : 5F |
| Special provisions (RID) | : 190, 327, 344, 625 |
| Limited quantities (RID) | : 1L |
| Excepted quantities (RID) | : E0 |
| Packing instructions (RID) | : P207, LP200 |
| Special packing provisions (RID) | : PP87, RR6, L2 |
| Mixed packing provisions (RID) | : MP9 |
| Transport category (RID) | : 2 |
| Special provisions for carriage – Packages (I | |
| Special provisions for carriage - Loading, unl | oading : CW9, CW12 |
| and handling (RID) | · CE3 |
| Colis express (express parcels) (RID) Hazard identification number (RID) | : CE2 : 23 |
| | . 20 |
| 14.7. Maritime transport in bulk acco | rding 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

Contains no REACH substances with Annex XVII restrictions

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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals: Didecyldimethylammonium chloride (7173-51-5)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Detergent Regulation (648/2004/EC): Ingredient data sheet:

| Component | CAS-No. | % |
|--|------------------------|----------|
| Hydrocarbures C4 | 87741-01-3 | ≥10% |
| butane | 106-97-8 | ≥10% |
| propane | 74-98-6 | 1 - 10% |
| ALCOHOL | 64-17-5 | 1 - 10% |
| Alcool, C12-C14, éthoxylés | 68439-50-9 | 1 - 10% |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether | 112-34-5 | 1 - 10% |
| Dipropyleneglycol | 34590-94-8 | 1 - 10% |
| 3-butoxypropan-2-ol; propylene glycol monobutyl ether | 5131-66-8 | 1 - 10% |
| 2-PROPYLHEPTANOLETHOXILATE | 160875-66-1 | 1 - 10% |
| GLUTAMIC ACID, N,N-DIACETIC ACID, TETRASODIUM SALT | 51981-21-6 | 0.1 - 1% |
| 2-AMINOETHANOL | 141-43-5 | 0.1 - 1% |
| didecyldimethylammonium chloride | 7173-51-5 | 0.1 - 1% |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) | 97862-59-4, 61789-40-0 | 0.1 - 1% |
| Oxyde de dodécyldimethylamine | 1643-20-5;308062-28-4 | 0.1 - 1% |
| PROPANE-2-OL | 67-63-0 | 0.1 - 1% |
| morpholine | 110-91-8 | 0.1 - 1% |
| sodium hydroxide; caustic soda | 1310-73-2 | 0.1 - 1% |
| ammonia% | 1336-21-6 | <0.1% |
| butanone; ethyl methyl ketone | 78-93-3 | <0.1% |
| | 1 | |

| Detergent Regulation : Labelling of contents: | |
|---|--|
| Component % | |
| aliphatic hydrocarbons 15-30% | |
| non-ionic surfactants, amphoteric surfactants <5% | |
| disinfectants | |

15.1.2. National regulations

| France | |
|-----------------------|--|
| Occupational diseases | |
| Code | Description |
| RG 65 | Eczematiform lesions of allergic mechanism |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| France | |
|-----------------------|---|
| Occupational diseases | |
| Code | Description |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

| France | | | |
|-----------|---|-------------|-------|
| No ICPE | Installations classées Désignation de la rubrique | Code Régime | Rayon |
| 4320.text | Aérosols extrêmement inflammables ou inflammables de catégorie 1 ou 2 contenant des gaz inflammables de catégorie 1 ou 2 ou des liquides inflammables de catégorie 1. | | |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

| SECTION 16: Other information | |
|-------------------------------|--|
| Data sources | : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. |
| Other information | : None. |

| Full text of H- and EUH-statements: | | |
|-------------------------------------|---|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 | |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 | |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 | |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 | |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 | |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 | |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 | |
| Flam. Gas 1 | Flammable gases, Category 1 | |
| Flam. Liq. 2 | Flammable liquids, Category 2 | |
| Flam. Liq. 3 | Flammable liquids, Category 3 | |
| H220 | Extremely flammable gas. | |
| H222 | Extremely flammable aerosol. | |
| H225 | Highly flammable liquid and vapour. | |
| H226 | Flammable liquid and vapour. | |
| H229 | Pressurised container: May burst if heated. | |

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | | |
|-------------------------------------|--|--|
| H302 | Harmful if swallowed. | |
| H311 | Toxic in contact with skin. | |
| H312 | Harmful in contact with skin. | |
| H314 | Causes severe skin burns and eye damage. | |
| H315 | Causes skin irritation. | |
| H318 | Causes serious eye damage. | |
| H319 | Causes serious eye irritation. | |
| H331 | Toxic if inhaled. | |
| H400 | Very toxic to aquatic life. | |
| H411 | Toxic to aquatic life with long lasting effects. | |
| H412 | Harmful to aquatic life with long lasting effects. | |
| Press. Gas | Gases under pressure | |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B | |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 | |

Safety Data Sheet (SDS), EU

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