

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date first issue: 8/24/2020 Review date: 7/13/2023 Supersedes version of: 7/13/2023 Version: 8.0

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

1.1. Product identifier

| Product form | |
|-----------------|--|
| Product name | |
| UFI | |
| Product code | |
| Type of product | |
| Product group | |

: BRILL A5

: VH00-U0NS-600U-SYG1

: Mixture

- : CZ00006 : Detergent
- : Mixture

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

1.2.1. Relevant identified uses

| Main use category | |
|-------------------|--|
|-------------------|--|

Use of the substance/mixture

: Rinsing agent.

: Industrial use, Professional use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

| Manufacturer | Distributor |
|---|---|
| CHRISTEYNS s.r.o. | CHRISTEYNS Slovakia s. r. o. |
| Vítovská 453/7 | Panenská 6 |
| CZ– 742 35 Odry – Czech Republic | SK– 811 03 Bratislava 1 |
| Czech Republic | Slovakia |
| T +420 556 731 111 | T +420 556 731 111 |
| legislativa@christeyns.com - www.christeyns.com | legislativa@christeyns.com - www.christeyns.com |

1.4. Emergency telephone number

| Country | Organisation/company | Address | Emergency telephone number | Comment |
|----------------|--|--------------------------------|--------------------------------------|---------|
| Czech Republic | Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK | Na Bojišti 1 120 00 Praha 2 | +420 224 919 293 +420 224 915 402 | |

SECTION 2: Hazards identification 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Skin corrosion/irritation, Category 2H315Serious eye damage/eye irritation, Category 2H319

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

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

| Labelling according to Regulation (EC) No | . 1272/2008 [CLP] |
|---|--|
| Hazard pictograms (CLP) | GHS07 |
| CLP Signal word | : Warning |
| Hazard statements (CLP) | : H315 - Causes skin irritation. H319 - Causes serious eye irritation. |
| Precautionary statements (CLP) | P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P302+P352 - IF ON SKIN: Wash with plenty of 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. P337+P313 - If eye irritation persists: Get medical advice/attention. P501 - Dispose of contents and container to bazardous or special waste collection point in |

P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

: EUH208 - Contains GLUTARAL. May produce an allergic reaction.

EUH-statements

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2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

| Component | |
|---------------------------|--|
| glutaraldehyde (111-30-8) | 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 |

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 substance(s) are 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 %

| Component | |
|--------------------------|---|
| glutaraldehyde(111-30-8) | The substance is not 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] |
|--|--|--------|--|
| citric acid substance with national workplace exposure limit(s) (CZ, DE, CH) | CAS-no: 77-92-9 Einecs nr: 201-069-1 EG annex nr: 607-750-00-3 REACH-no: 01-2119457026- 42 | 5 – 10 | Eye Irrit. 2, H319 STOT SE 3, H335 |
| Fatty alcohol alkoxylated- | CAS-no: 111905-53-4 Einecs nr: 942-506-2 REACH-no: 02-2119552554- 37 | 3-5 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412 |
| Sodium cumenesulphonate | CAS-no: 15763-76-5 Einecs nr: 239-854-6 REACH-no: 01-2119489411- 37 | 1 – 3 | Eye Irrit. 2, H319 |
| Alcohol ethoxylated propoxylated | CAS-no: 120313-48-6 Einecs nr: 639-733-1 REACH-no: Polymer | 1 – 3 | Skin Irrit. 2, H315 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411 |
| Sodium hydroxide substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DK, EE, ES, FI, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, IS, NO, CH) | CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27 | < 1 | Met. Corr. 1, H290 Skin Corr. 1A, H314 |
| glutaraldehyde substance listed as REACH Candidate (Glutaral) substance with national workplace exposure limit(s) (AT, BE, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, LT, LV, PL, PT, SE, SI, SK, IS, NO, CH) | CAS-no: 111-30-8 Einecs nr: 203-856-5 EG annex nr: 605-022-00-X REACH-no: 01-2119455549- 26 | < 1 | Acute Tox. 3 (Oral), H301 (ATE=158 mg/kg bodyweight) Acute Tox. 3 (Inhalation), H331 (ATE=0.48 mg/l/4h) Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE=0.48 mg/l/4h) Skin Corr. 1B, H314 Resp. Sens. 1, H334 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |

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| Specific concentration limits: | | |
|--------------------------------|--|--|
| Name | Product identifier | Specific concentration limits |
| Sodium hydroxide | CAS-no: 1310-73-2 Einecs nr: 215-185-5 EG annex nr: 011-002-00-6 REACH-no: 01-2119457892- 27 | (0.5 ≤C < 2) Eye Irrit. 2, H319 (0.5 ≤C < 2) Skin Irrit. 2, H315 (2 ≤C < 5) Skin Corr. 1B, H314 (5 ≤C ≤ 100) Skin Corr. 1A, H314 |
| glutaraldehyde | CAS-no: 111-30-8 Einecs nr: 203-856-5 EG annex nr: 605-022-00-X REACH-no: 01-2119455549- 26 | $(0.5 \le C < 100)$ Skin Sens. 1, H317 $(0.5 \le C < 5)$ STOT SE 3, H335 $(0.5 \le C < 2)$ Eye Irrit. 2, H319 $(0.5 \le C < 10)$ Skin Irrit. 2, H315 $(2 \le C < 10)$ Eye Dam. 1, H318 $(5 \le C < 100)$ EUH071 $(10 \le C < 100)$ Skin Corr. 1B, H314 |

| SECTION 4: First aid measures 4.1. Description of first aid measures | |
|--|--|
| General advice | : If you feel unwell, seek medical advice. See Section 11. |
| Inhalation | : Fresh air, rest. |
| Skin contact | : Wash off with plenty of water. |
| Eye contact | : If eye irritation persists, take medical advice. Rinse immediately with plenty of water, also under the eyelids. |
| Ingestion | : Do NOT induce vomiting. Rinse mouth out with water. Call a poison center or a doctor if you feel unwell. |
| 4.2. Most important symptoms and effects, I Acute effects skin | both acute and delayed : May cause moderate irritation. |
| Acute effects eyes | : Causes eye irritation. |
| 4.3. Indication of any immediate medical atte No additional information available | ention and special treatment needed |
| SECTION 5: Firefighting measures 5.1. Extinguishing media | |
| Suitable extinguishing media | : All extinguishing agents can be used. |
| 5.2. Special hazards arising from the substa No additional information available | nce or mixture |
| 5.3. Advice for firefighters Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing. |
| | |
| SECTION 6: Accidental release measure 6.1. Personal precautions, protective equipr | |
| | |
| 6.1. Personal precautions, protective equipr 6.1.1. For non-emergency personnel No additional information available 6.1.2. For emergency responders No additional information available 6.2. Environmental precautions | nent and emergency procedures |
| 6.1. Personal precautions, protective equipment 6.1.1. For non-emergency personnel No additional information available 6.1.2. For emergency responders No additional information available 6.2. Environmental precautions Do not allow to enter drains or water courses. Prever 6.3. Methods and material for containment at | nent and emergency procedures It liquid from entering sewers, watercourses, underground or low areas. Ind cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed |
| 6.1. Personal precautions, protective equipment 6.1.1. For non-emergency personnel No additional information available 6.1.2. For emergency responders No additional information available 6.2. Environmental precautions Do not allow to enter drains or water courses. Prever 6.3. Methods and material for containment at Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling | nent and emergency procedures It liquid from entering sewers, watercourses, underground or low areas. Ind cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal. : Never mix with other materials. Never return unused material to original container. |
| 6.1. Personal precautions, protective equipment 6.1.1. For non-emergency personnel No additional information available 6.1.2. For emergency responders No additional information available 6.2. Environmental precautions Do not allow to enter drains or water courses. Prever 6.3. Methods and material for containment at Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Hygiene measures | nent and emergency procedures nt liquid from entering sewers, watercourses, underground or low areas. nd cleaning up Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal. Never mix with other materials. Never return unused material to original container. Do not eat, drink or smoke when using this product. |
| 6.1. Personal precautions, protective equipment 6.1.1. For non-emergency personnel No additional information available 6.1.2. For emergency responders No additional information available 6.2. Environmental precautions Do not allow to enter drains or water courses. Prever 6.3. Methods and material for containment at Methods for cleaning up 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling | nent and emergency procedures nt liquid from entering sewers, watercourses, underground or low areas. nd cleaning up Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal. Never mix with other materials. Never return unused material to original container. Do not eat, drink or smoke when using this product. |

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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

| citric acid (77-92-9) | | |
|---|---|--|
| Czech Republic - Occupational Exposure Limits | | |
| Local name | Kyselina citrónová | |
| PEL (OEL TWA) | 4 mg/m ³ | |
| Remark | Prachy s převážně dráždivým účinkem. | |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 339/2023 Sb.) | |
| glutaraldehyde (111-30-8) | | |
| Czech Republic - Occupational Exposure Limits | | |
| Local name | 1,5-Pentandial (Glutaraldehyd) | |
| PEL (OEL TWA) | 0.2 mg/m³ | |
| PEL (OEL TWA) [ppm] | 0.05 ppm | |

| | 0.00 ppm |
|----------------------|---|
| NPK-P (OEL C) | 0.4 mg/m³ |
| NPK-P (OEL C) [ppm] | 0.1 ppm |
| Remark | I - dráždí sliznice (oči, dýchací cesty) resp. kůži, S - látka má senzibilizující účinek (s větou H317, H334). |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 339/2023 Sb.) |

Sodium hydroxide (1310-73-2)

Czech Republic - Occupational Exposure Limits

| Local name | Hydroxid sodný |
|----------------------|---|
| PEL (OEL TWA) | 1 mg/m³ |
| NPK-P (OEL C) | 2 mg/m ³ |
| Remark | I - dráždí sliznice (oči, dýchací cesty) resp. kůži. |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 339/2023 Sb.) |

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 symbol(s):



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8.2.2.1. Eye and face protection

Eye protection:

Wear security glasses which protect from splashes

8.2.2.2. Skin protection

Hand protection: Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

No personal breathing protective equipment is normally required.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties 9.1. Information on basic physical and chemical properties

| Physical state | : Liquid |
|---|---|
| Colour | : Blue. |
| Physical state/form | : Liquid. |
| Odour | : Characteristic. |
| Odour threshold | : Not determined as it is not relevant for the characterization of the product |
| Melting point/range | : Not determined as it is not relevant for the characterization of the product |
| Freezing point | : Not determined as it is not relevant for the characterization of the product |
| Boiling point/Boiling range | : Not determined as it is not relevant for the characterization of the product |
| Flammability | : Not determined as it is not relevant for the characterization of the product |
| Explosive properties | : Not determined as it is not relevant for the characterization of the product. |
| Explosive limits | : Not determined as it is not relevant for the characterization of the product |
| Lower explosion limit | : Not determined as it is not relevant for the characterization of the product |
| Upper explosion limit | : Not determined as it is not relevant for the characterization of the product |
| Flash point | : Not determined as it is not relevant for the characterization of the product |
| Autoignition temperature | : Not determined as it is not relevant for the characterization of the product |
| Decomposition temperature | : Not determined as it is not relevant for the characterization of the product |
| рН | : 3,5 ± 1 (100%) |
| Viscosity, kinematic | : 3,96 ± 3 mPas (20°C) |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not determined as it is not relevant for the characterization of the product |
| Vapour pressure | : Not determined as it is not relevant for the characterization of the product |
| Vapour pressure at 50°C | : Not determined as it is not relevant for the characterization of the product |
| Density | : 1,03 ± 0,1 g/ml |
| Relative density | : 1,03 at (20°C) |
| Relative vapour density at 20°C | : Not determined as it is not relevant for the characterization of the product |
| 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

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity No additional information available 10.2. Chemical stability The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

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10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Never mix with other materials. 10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| Acute toxicity (oral) | : Not classified |
|-----------------------------|------------------|
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| citric acid (77-92-9) | | | |
|---|--|--|--|
| LD50 oral rat | 3000 mg/kg Source: OECD Screening Information Data Set | | |
| LD50 dermal | > 2000 mg/kg bodyweight | | |
| ATE CLP (oral) | 3000 mg/kg bodyweight | | |
| Sodium cumenesulphonate (15763-76-5) | | | |
| LD50 oral rat | > 2000 mg/kg | | |
| LD50 dermal rabbit | ≥ 2000 mg/kg bodyweight | | |
| glutaraldehyde (111-30-8) | | | |
| LD50 oral rat | 158 mg/kg | | |
| LD50 dermal rabbit | > 2000 mg/kg | | |
| LC50 Inhalation - Rat | 0.48 mg/l/4h | | |
| ATE CLP (oral) | 158 mg/kg bodyweight | | |
| ATE CLP (gases) | 700 ppmv/4h | | |
| ATE CLP (vapours) | 0.48 mg/l/4h | | |
| ATE CLP (dust,mist) | 0.48 mg/l/4h | | |
| Alcohol ethoxylated propoxylated (120313-48-6) | | | |
| LD50 oral rat | > 2000 mg/kg | | |
| LD50 dermal rat | > 2000 mg/kg | | |
| Skin corrosion/irritation | : Causes skin irritation. | | |
| | pH: 3,5 ± 1 (100%) | | |
| Serious eye damage/irritation | : Causes serious eye irritation. | | |
| Description of the second title of the s | pH: $3,5 \pm 1$ (100%) | | |
| Respiratory or skin sensitisation Germ cell mutagenicity | : Not classified : Not classified | | |
| Carcinogenicity | : Not classified | | |
| | | | |
| Sodium cumenesulphonate (15763-76-5) | | | |
| NOAEL (chronic, oral, animal/female, 2 years) | ≥ 60 mg/kg bodyweight (OECD 453 method) | | |
| Reproductive toxicity | : Not classified | | |
| STOT-single exposure | : Not classified | | |
| citric acid (77-92-9) | | | |

| citric acid (77-92-9) | | |
|---|-----------------------------------|--|
| STOT-single exposure | May cause respiratory irritation. | |
| STOT-repeated exposure : Not classified | | |
| citric acid (77-92-9) | | |
| LOAEL (oral, rat, 90 days) | 8000 mg/kg bodyweight Animal: rat | |
| NOAEL (oral, rat, 90 days) | 4000 mg/kg bodyweight Animal: rat | |

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| Sodium cumenesulphonate (15763-76-5) | | |
|--|---|--|
| NOAEL (oral, rat, 90 days) | 763 – 3534 mg/kg bodyweight (OECD 408 method) | |
| Aspiration hazard | : Not classified | |
| BRILL A5 | | |
| Viscosity, kinematic | 3,96 ± 3 mPas (20°C) | |
| 11.2. Information on other hazards No additional information available | | |
| SECTION 12: Ecological information 12.1. Toxicity Hazardous to the aquatic environment, short-term : Not classified (acute) Hazardous to the aquatic environment, long-term : Not classified | | |
| (chronic) citric acid (77-92-9) | | |
| LC50 - Fish [1] | 48 mg/l Source: ECOTOX | |
| EC50 - Other aquatic organisms [1] | 85 mg/l waterflea | |
| Sodium cumenesulphonate (15763-76-5) | | |
| | > 100 mg/l | |
| LC50 - Fish [1] EC50 - Crustacea [1] | > 100 mg/l | |
| EC50 96h - Algae [1] | ≥ 758 mg/l Pseudokirchneriella subcapitata | |
| EC50 algae | > 100 mg/l | |
| | | |
| glutaraldehyde (111-30-8) | 0.4 mg/l | |
| LC50 - Fish [1] EC50 - Crustacea [1] | 9.4 mg/l | |
| EC50 - Clustacea [1] EC50 72h - Algae [1] | 5.75 mg/l 0.6 mg/l | |
| NOEC chronic fish | 1.6 mg/l | |
| NOEC chronic rustacea | 2.5 mg/l | |
| NOEC chronic algae | 0.025 mg/l | |
| TLM - Fish [1] | 1.6 mg/l | |
| TLM - Other aquatic organisms [1] | 2.5 mg/l | |
| Alcohol ethoxylated propoxylated (1203 | | |
| LC50 - Fish [1] | 1 – 10 mg/l (Leuciscus idus) | |
| EC50 - Crustacea [1] | 0.22 – 0.75 mg/l (OECD 202) | |
| EC50 - Other aquatic organisms [1] | 0.1 – 1 mg/l | |
| ErC50 other aquatic organisms [1] | 0.1 – 1 mg/l | |
| NOEC (chronic) | 0.25 mg/l | |
| NOEC chronic crustacea | 0.25 mg/l (Daphnia Magnia) | |
| Sodium hydroxide (1310-73-2) | | |
| LC50 - Fish [1] | > 35 mg/l | |
| EC50 - Crustacea [1] | 40.4 mg/l (Ceriodaphnia) | |
| EC50 - Other aquatic organisms [1] | > 33 mg/l waterflea | |
| | | |

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| 12.2. Persistence and degradability | |
|--|--|
| BRILL A5 | |
| 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. |
| glutaraldehyde (111-30-8) | |
| Persistence and degradability | Readily biodegradable. |
| Alcohol ethoxylated propoxylated (120313-4 | 48-6) |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | > 60 % |
| Sodium hydroxide (1310-73-2) | |
| Persistence and degradability | The methods for determining biodegradability are not applicable to inorganic substances. |
| 12.3. Bioaccumulative potential BRILL A5 | |
| Partition coefficient n-octanol/water (Log Kow) | Not determined as it is not relevant for the characterization of the product |
| citric acid (77-92-9) | |
| Log Pow | -1.7 Source: ICSC |
| glutaraldehyde (111-30-8) | |
| Bioaccumulative potential | No bioaccumulation. |
| Alcohol ethoxylated propoxylated (120313-4 | 48-6) |
| Bioconcentration factor (BCF REACH) | 1.9 Fish |
| Log Pow | 5.47 |
| Bioaccumulative potential | Bioaccumulation unlikely. |
| Fatty alcohol alkoxylated- (111905-53-4) | |
| Bioaccumulative potential | No bioaccumulation. |
| Sodium hydroxide (1310-73-2) | |
| Log Pow | -3.88 |
| Bioaccumulative potential | No bioaccumulation. |
| 12.4. Mobility in soil No additional information available | |
| 12.5. Results of PBT and vPvB assessment Component | |
| glutaraldehyde (111-30-8) | 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 |
| 12.6. Endocrine disrupting properties No additional information available 12.7. Other adverse effects No additional information available | |
| SECTION 13: Disposal considerations 13.1. Waste treatment methods Waste / unused products | : Collect all waste in suitable and labelled containers and dispose according to local legislation. |

SECTION 14: Transport information In accordance with ADR / IMDG / IATA

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| ADR | IMDG | ΙΑΤΑ |
|----------------------------------|----------------|----------------|
| 14.1. UN number or ID number | | |
| Not applicable | Not applicable | Not applicable |
| 14.2. UN proper shipping name | | |
| Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | |
| Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Not applicable | Not applicable | Not applicable |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

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 substance(s) listed on the REACH Candidate List in concentrations ≥ 0.1 % or SCL: Glutaral (EC 203-856-5, CAS 111-30-8)

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

| Labelling of contents | |
|-----------------------|-------|
| Component | % |
| non-ionic surfactants | 5-15% |
| anionic surfactants | <5% |

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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15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information

: It is recommended to pass the information from this safety data sheet in an appropriate form to the users. The information is currently to the best of our knowledge and believed to be accurate ana reliable. This information relates to the specifically named product and may not be valid in combination with other products. This safety data sheet is in compliance with 1907/2006/EEC. It is the responsibility of the

user to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:

| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2 | |
|--|--|--|
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3 | |
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 | |
| 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 | |
| EUH071 | Corrosive to the respiratory tract. | |
| EUH208 | Contains GLUTARAL. May produce an allergic reaction. | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 | |
| H290 | May be corrosive to metals. | |
| H301 | Toxic if swallowed. | |
| H302 | Harmful if swallowed. | |
| H314 | Causes severe skin burns and eye damage. | |
| H315 | Causes skin irritation. | |
| H317 | May cause an allergic skin reaction. | |
| H318 | Causes serious eye damage. | |
| H319 | Causes serious eye irritation. | |
| H330 | Fatal if inhaled. | |
| H331 | Toxic if inhaled. | |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. | |
| H335 | May cause respiratory irritation. | |
| H400 | Very toxic to aquatic life. | |
| H411 | Toxic to aquatic life with long lasting effects. | |
| H412 | Harmful to aquatic life with long lasting effects. | |
| Met. Corr. 1 | Corrosive to metals, Category 1 | |
| Resp. Sens. 1 | Respiratory sensitisation, Category 1 | |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A | |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B | |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 | |
| Skin Sens. 1 | Skin sensitisation, Category 1 | |
| Skin Sens. 1A | Skin sensitisation, category 1A | |

Safety Data Sheet

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

| Full text of H- and EUH-statements: | | |
|--|--|--|
| STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | | |
| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] | | |
| | | |

| Eye Irrit. 2 | H319 | Calculation method |
|---------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |

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.