Safety Data Sheet
Complying with Regulation 1907/2006/EC (REACH Regulation), EU 2020/878 and Regulation No 1272/2008/EC

Printing date 16.02.2024 **Version number 4 (replaces version 3)** **Revision: 16.02.2024**

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

· **1.1 Product identifier**

· **Trade name: EUREKA WITH ALOE VERA**
· **UFI: PC31-Q0C6-E004-EKT7**
· **1.2 Relevant identified uses of the substance or mixture and uses advised against Hand dishwashing Liquid.**
· **Application of the substance / the mixture Dishwasher formulation**

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
EUREKA HELLAS S.A.
A' INDUSTRIAL AREA OF VOLOS
Tel.: 00302421095056 Fax: 00302421095617
eureka@eureka.com.gr
www.eureka.com.gr
VOLOS, GREECE

· **Further information obtainable from:**
EUREKA HELLAS SA
A' INDUSTRIAL AREA OF VOLOS
Tel.: 00302421095056 Fax: 00302421095617
website:www.eureka.com.gr
P.C. 38500, VOLOS
GREECE
· **1.4 Emergency telephone number:**



Poisoning Center: 210-77-93-777 (Greece)
Poisoning Center: 1401 (Cyprus)

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SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**



GHS05 corrosion

Eye Dam. 1 **H318 Causes serious eye damage.**

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.

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· **Hazard pictograms**



GHS05

· **Signal word Danger**

· **Hazard-determining components of labelling:**
Cocoamidopropyl Betaine
dodecyldimethylamine oxide
Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts
· **Hazard statements**
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.
· **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P280 Wear protective gloves / eye protection / face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or a doctor.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of container to domestic waste in accordance with all local, peripheral, national and international regulations.
· **Additional information:**
EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT: Not applicable.**
· **vPvB: Not applicable.**

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description: Mixture of substances listed below with nonhazardous additions.**

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· **Dangerous components:**

CAS: 68891-38-3 **NLP: 500-234-8** **Reg.nr.: 01-2119488639-16-XXXX**	**Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts** **Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412** **Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 %** **Eye Irrit. 2; H319: 5 % ≤ C < 10 %**	**≥5–<10%**
CAS: 61789-40-0 **Reg.nr.: 01-2119489410-39-XXXX**	**Cocoamidopropyl Betaine** **Eye Dam. 1, H318; Aquatic Chronic 3, H412**	**≥1–<2.5%**
CAS: 68439-57-6 **EINECS: 270-407-8** **Reg.nr.: 01-2119513401-57-XXXX**	**Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts** **Eye Dam. 1, H318; Skin Irrit. 2, H315** **Specific concentration limits: Eye Dam. 1; H318: C ≥ 38 %** **Eye Irrit. 2; H319: 5 % ≤ C < 38 %**	**≤2.5%**
CAS: 1643-20-5 **EINECS: 216-700-6** **Reg.nr.: 01-2120068065-58-XXXX**	**dodecyldimethylamine oxide** **Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315**	**≥1–<2.5%**
Reg.nr.: 01-2119484688-17-XXXX	**N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride** **STOT RE 2, H373; Skin Corr. 1A, H314; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302**	**<0.25%**
CAS: 55965-84-9 **Index number: 613-167-00-5**	**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)** **Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071** **Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 %** **Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %** **Eye Dam. 1; H318: C ≥ 0.6 %** **Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %** **Skin Sens. 1A; H317: C ≥ 0.0015 %**	**≥0.00025–<0.0015%**

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· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants	**≥5 - <15%**
amphoteric surfactants, non-ionic surfactants, (R)-p-mentha-1,8-diene, LINALOOL	**<5%**

perfumes, preservation agents (Mixture of 5-Chloro-2-methyl-isothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one with magnesium chloride and magnesium nitrate)

· **Additional information: For the wording of the listed hazard phrases refer to section 16.**

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Do not leave affected persons unattended.
Take affected persons out of danger area and lay down.
If in doubt, get medical attention promptly. Treat symptomatically.
· **After inhalation:**
In case of unconsciousness place patient stably in side position for transportation.
Seek immediate medical advice.
· **After skin contact:**
Generally the product does not irritate the skin.
Take off all contaminated clothing immediately.
In case of skin irritation, seek medical care.
Wash skin thoroughly with soap and water.
· **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Remove any contact lenses and open eyelids wide apart.
Continue to rinse for at least 15 minutes.
· **After swallowing: Seek medical treatment.**
· **4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**
· **Hazards No hazard already know.**
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

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· **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
· **5.3 Advice for firefighters**
· **Protective equipment: No special measures required.**
· **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.
Keep away from ignition sources.
· **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
· **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling No special precautions are necessary if used correctly.**
· **Information about fire - and explosion protection: No special measures required.**

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Store in a cool, clean, dry and isolated place, avoiding direct sunlight.
Avoid exposure to heat.
Maximum storage temperature: 40°C
Minimum storage temperature: 5°C
Store in tightly-closed, original container in a dry and cool place. Keep only in the original container.

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· **Information about storage in one common storage facility:**
Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.
Do not store together with oxidising and acidic materials as well as heavy-metal compounds.
· **Further information about storage conditions: Keep container tightly sealed.**
· **7.3 Specific end use(s) No further relevant information available.**

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· **DNELs**
68891-38-3: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)
worker: Long-term exposure- systemic effects, dermal: 2750 mg/kg
worker: Long-term exposure- systemic effects, Inhalation: 175 mg/m3
consumer: Long-term exposure- systemic effects, dermal: 1650 mg/kg
consumer: Long-term exposure- systemic effects, Inhalation: 52 mg/m3
consumer: Long-term exposure- systemic effects, oral: 15 mg/kg
68439-57-6: Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
Workers
Dermal Long-term systemic effects 2158,33 mg/kg bw/day
Inhalation Long-term systemic effects 152,22 mg/m3
General population
Dermal Long-term systemic effects 1295 mg/kg bw/day
Inhalation Long-term systemic effects 45,04 mg/m3
Oral Long-term systemic effects 12,95 mg/kg bw/day
1643-20-5:Dodecyldimethylamine oxide

Worker: 6.2 mg/m³ - Consumer: 1.53 mg/m³ - Exposure: Via human inhalation - Frequency: Long-term, systemic effects
Worker: 11 mg/kg - Consumer: 5.5mg/kg - Exposure: Human via human dermal route - Frequency: Long-term, systemic effects
Employee: 2950 mg/kg - Consumer:- mg/kg - Exposure: Human through skin - Frequency: Short-term, local effects
Employee: - mg/kg - Consumer: - mg/kg - Exposure: Human inhalation route - Frequency: Short-term, local effects
Consumer: 0.44 mg/kg - Exposure: Human oral route -Frequency: Short-term, systemic effects
· **PNECs**
68891-38-3: Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)
freshwater: 0.24 mg/l
marine water: 0.024 mg/l
intermittent release: 0.071 mg/l
STP: 10000 mg/l
sediment (freshwater): 0.9168 mg/kg

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sediment (marine water): 0.09168 mg/kg
soil: 7.5 mg/kg
oral (secondary poisoning):
No PNEC oral derived, as accumulation in organisms is not to be expected.
68439-57-6: Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
Fresh water 0,042 mg/l
salt water 0,0042 mg/l
Water (intermittent release) 0,042 mg/l
Fresh water sediment 2,025 mg/kg dry weight (d.w.)
Marine sediment 0,2025 mg/kg dry weight (d.w.)
Soil 0,0061 mg/kg dry weight (d.w.)
Sewage treatment plant 4 mg/l
1643-20-5:Dodecyldimethylamine oxide
Target: fresh water - Value: 0.0335 mg/l
Target: Seawater - Value: 0.00335 mg/l
Target: Freshwater sediment - Value: 5.4 mg/kg
Target: Seawater sediment - Value: 0.524 mg/kg
Target: Wastewater treatment - Value: 24 mg/l
Target: Soil (agricultural) - Value: 1,02 mg/kg
· **Additional information: The lists valid during the making were used as basis.**

· **8.2 Exposure controls**
· **Appropriate engineering controls No further data; see section 7.**
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
· **Respiratory protection:**
Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2).
· **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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· **Material of gloves**



The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Tightly sealed goggles

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
The following protection should be worn: Chemical splash goggles or face shield.
Tightly fitting safety goggles (cage goggles) (e.g. EN 166) and face shield.

· **Body protection: Protective work clothing**

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**	
· **Physical state**	**Fluid**
· **Colour:**	**turquoise**
· **Odour:**	**Characteristic**
· **Odour threshold:**	**Not determined.**
· **Melting point/freezing point:**	**Undetermined.**
· **Boiling point or initial boiling point and boiling range**	**>100 °C (CAS: 68891-38-3 Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts)**
· **Flammability**	**Not applicable.**
· **Lower and upper explosion limit**	
· **Lower:**	**Not determined.**
· **Upper:**	**Not determined.**
· **Flash point:**	**>101 °C (CAS: 68891-38-3 Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts)**
· **Auto-ignition temperature:**	**250 °C (CAS: 68891-38-3 Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts)**
· **Decomposition temperature:**	**Not determined.**
· **pH at 20 °C**	**8.5–8.8**
· **Viscosity:**	
· **Kinematic viscosity**	**Not determined.**

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· **Dynamic at 20 °C:**	**540–620 mPas**
· **Solubility**	
· **water:**	**Fully miscible.**
· **Partition coefficient n-octanol/water (log value)**	**Not determined.**
· **Vapour pressure:**	**Not determined.**
· **Density and/or relative density**	
· **Density at 20 °C:**	**1.014 g/cm³**
· **Relative density**	**Not determined.**
· **Vapour density**	**Not determined.**

· **9.2 Other information**

· **Appearance:**	
· **Form:**	**Fluid**
· **Important information on protection of health and environment, and on safety.**	
· **Ignition temperature:**	**Product is not selfigniting.**
· **Explosive properties:**	**Product does not present an explosion hazard.**
· **Solvent content:**	
· **Organic solvents:**	**0.0 %**
· **Water:**	**89.2 %**
· **VOC (EC)**	**0.02 %**
· **Solids content:**	**93.4 %**
· **Change in condition**	
· **Evaporation rate**	**Not determined.**

· **Information with regard to physical hazard classes**

· **Explosives**	**Void**
· **Flammable gases**	**Void**
· **Aerosols**	**Void**
· **Oxidising gases**	**Void**
· **Gases under pressure**	**Void**
· **Flammable liquids**	**Void**
· **Flammable solids**	**Void**
· **Self-reactive substances and mixtures**	**Void**
· **Pyrophoric liquids**	**Void**
· **Pyrophoric solids**	**Void**
· **Self-heating substances and mixtures**	**Void**
· **Substances and mixtures, which emit flammable gases in contact with water**	**Void**
· **Oxidising liquids**	**Void**
· **Oxidising solids**	**Void**
· **Organic peroxides**	**Void**
· **Corrosive to metals**	**Void**

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· **Desensitised explosives** **Void**

SECTION 10: Stability and reactivity

· **10.1 Reactivity No further relevant information available.**
· **10.2 Chemical stability Stable at normal ambient temperatures.**
· **Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.**
· **10.3 Possibility of hazardous reactions No dangerous reactions known.**
· **10.4 Conditions to avoid No further relevant information available.**
· **10.5 Incompatible materials: No further relevant information available.**
· **10.6 Hazardous decomposition products: No dangerous decomposition products known.**

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity Based on available data, the classification criteria are not met.**
· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral LD50 101,624 mg/kg (rat)

CAS: 68891-38-3 Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts

Oral LD50 4,100 mg/kg (rat) (OECD GUIDELINE 401)

Dermal LD50 >2,000 mg/kg (rat) (OECD GUIDELINE 402)

CAS: 61789-40-0 Cocoamidopropyl Betaine

Oral LD50 2,335 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

CAS: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts

Oral LD50 >2,000 mg/kg (rat)

Dermal LD50 6,300–13,500 mg/kg (rabbit)

CAS: 1643-20-5 dodecyldimethylamine oxide

Oral LD50 1,064 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride

Oral LD50 1,000 mg/kg (rat) (OECD GUIDELINE 401)

· **Skin corrosion/irritation Based on available data, the classification criteria are not met.**
· **Serious eye damage/irritation Causes serious eye damage.**
· **Respiratory or skin sensitisation Based on available data, the classification criteria are not met.**
· **Germ cell mutagenicity Based on available data, the classification criteria are not met.**

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· **Carcinogenicity Based on available data, the classification criteria are not met.**
· **Reproductive toxicity Based on available data, the classification criteria are not met.**
· **STOT-single exposure Based on available data, the classification criteria are not met.**
· **STOT-repeated exposure Based on available data, the classification criteria are not met.**
· **Aspiration hazard Based on available data, the classification criteria are not met.**
· **11.2 Information on other hazards**
· **Endocrine disrupting properties**

CAS: 80-54-6 p-t-Butyl-alpha-methylhydrocinnamic aldehyde: List II

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SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:**

CAS: 68891-38-3 Alcohols C12-14 (even numbered) ethoxylated (<2.5 EO) sulfates sodium salts

LC50 **>10–100 mg/L (Leuciscus idus) (Fish, Acute Toxicity Test)**

EC50 **>10–100 mg/L (Scenedesmus subspicatus) (Alga, Growth Inhibition Test)**

>10–100 mg/L (daphnia) (Daphnia sp. Acute Immobilization and Reproduction)

NOEC **>1–10 mg/L (Leuciscus idus)**

>0.1–1 mg/L (daphnia)

CAS: 61789-40-0 Cocoamidopropyl Betaine

LC50 (96h) **1.11 mg/L (Fish)**

EC50 (72h) **1.9 mg/L (Invertebrates)**

EC10 **0.135 mg/L (Fish)**

CAS: 68439-57-6 Sulfonic acids, C14-16-alkane hydroxy andC14-16-alkene, sodium salts

LC50 (96h) **12.2 mg/L (Fish)**

mg/L (rat)

EC50(48h) **4.53 mg/L (daphnia)**

CAS: 1643-20-5 dodecyldimethylamine oxide

LC50 (96h) **31.8 mg/L (Fish)**

EC50(48h) **2.9 mg/L (daphnia)**

EC50 (72h) **0.2 mg/L (algae)**

NOEC (72h) **0.067 mg/L (algae)**

NOEC (21d) **0.7 mg/L (daphnia)**

N-(2-hydroxyethyl)-N,N-dimethyl alkyl-C12-14-(even numbered)-1-aminium chloride

LC50 (96h) **4.2 mg/L (Fish) (Fish, Acute Toxicity Test)**

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EC50(48h) **0.19 mg/L (daphnia) (Daphnia sp. Acute Immobilization and Reproduction)**

EC50 (72h) **0.14 mg/L (green algae) (Alga, Growth Inhibition Test)**

NOEC **0.02 mg/L (algae)**

0.1 mg/L (daphnia)

0.16 mg/L (Fish)

· **12.2 Persistence and degradability No further relevant information available.**
· **12.3 Bioaccumulative potential No further relevant information available.**
· **12.4 Mobility in soil No further relevant information available.**
· **12.5 Results of PBT and vPvB assessment**
· **PBT: Not applicable.**
· **vPvB: Not applicable.**
· **12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.**
· **12.7 Other adverse effects**
· **Remark: Harmful to fish**
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
· **European waste catalogue**

HP4 Irritant - skin irritation and eye damage

HP14 Ecotoxic

· **Uncleaned packaging:**
· **Recommendation: Disposal must be made according to official regulations.**
· **Recommended cleansing agents: Water, if necessary together with cleansing agents.**

SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR, IMDG, IATA** **not regulated**

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· **14.2 UN proper shipping name**
· **ADR, IMDG, IATA** **not regulated**
· **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**
· **Class** **not regulated**
· **14.4 Packing group**
· **ADR, IMDG, IATA** **not regulated**
· **14.5 Environmental hazards:** **Not applicable.**
· **14.6 Special precautions for user** **Not applicable.**
· **14.7 Maritime transport in bulk according to IMO instruments** **Not applicable.**
· **UN "Model Regulation":** **not regulated**

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I None of the ingredients is listed.**
· **REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**
· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.
· **REGULATION (EU) 2019/1148**
· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.
· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.
· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.
· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.
· **15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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· **Relevant phrases**
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
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.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.
· **Classification according to Regulation (EC) No 1272/2008**

Serious eye damage/irritation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS: Product safety department.**
· **Contact: -**
· **Date of previous version: 13.11.2023**
· **Version number of previous version: 3**
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1A: Skin corrosion/irritation – Category 1A

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Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
· *** Data compared to the previous version altered.**