



**Wash & Wax
M392**

Date of compilation: 23/11/2022 Revised: 07/12/2023 Version: 3 (Replaced 2)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Wash & Wax
M392
- Other means of identification:**
- UFI:** AP21-702Y-200X-4CVA
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses: Bodywork cleaning
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
- GARDX INTERNATIONAL LTD
LAKE HOUSE, 2 PORT WAY, PORT SOLENT,
PO6 4TY PORTSMOUTH - UNITED KINGDOM
Phone: +44 (0)1243 376426
product@gardx.co.uk
www.gardx.co.uk
- AUTOMOTOSOL S.R.O
RYBNÁ 716/24
PRAHA 1
110 00
CZECH REPUBLIC
- +420 222 703288
- 1.4 Emergency telephone number:** CNN: 1012486. For 24/7 multilingual advice for spill, leak, fire, exposure, or accident call chemtrec @ +442038850382. NPIS: 0844 892 0111 (healthcare professionals only)

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
- CLP Regulation (EC) No 1272/2008:**
- Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
- Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
Eye Dam. 1: Serious eye damage, Category 1, H318
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Danger
-  
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Dam. 1: H318 - Causes serious eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
- Precautionary statements:**

** Changes with regards to the previous version

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SECTION 2: HAZARDS IDENTIFICATION ** (continued)

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P273: Avoid release to the environment.
P280: Wear protective gloves/eye protection/face protection.
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.
P310: Immediately call a POISON CENTER/doctor.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

Supplementary information:

Contains 2-methylisothiazol-3(2H)-one, Isoeugenol.

Substances that contribute to the classification

Sodium dodecylbenzenesulfonate (CAS: 25155-30-0)

Labelling for contents:

| Component | Concentration interval |
|------------------------|------------------------|
| Non-ionic surfactants | % (w/w) < 5 |
| Amphoteric surfactants | % (w/w) < 5 |
| Anionic surfactants | 5 <= % (w/w) < 15 |
| perfumes | |

Allergenic fragrances: benzyl alcohol (BENZYL ALCOHOL).

Preservation agents: 1,2-benzisothiazol-3(2H)-one (BENZISOTHIAZOLINONE), 2-methylisothiazol-3(2H)-one (METHYLISOTHIAZOLINONE), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (LAURYLAMINE DIPROPYLENEDIAMINE), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (METHYLCHLOROISOTHIAZOLINONE / METHYLISOTHIAZOLINONE).

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture based on anionic, nonionic and amphoteric surfactants

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification | Chemical name/Classification | Concentration |
|---|---|---------------------|
| CAS: 25155-30-0 EC: 246-680-4 Index: Non-applicable REACH: 01-2120088038-51-XXXX | Sodium dodecylbenzenesulfonate⁽¹⁾ Self-classified Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 3 - <10 % |
| CAS: 68155-07-7 EC: 268-935-9 Index: Non-applicable REACH: Non-applicable | Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 1 - <3 % |
| CAS: 68891-38-3 EC: 500-234-8 Index: Non-applicable REACH: 01-2119488639-16-XXXX | Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts⁽¹⁾ Self-classified Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 1 - <3 % |

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

⁽²⁾ Substance with a Union workplace exposure limit

⁽³⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

| Identification | Chemical name/Classification | Concentration |
|---|--|---------------|
| CAS: 97862-59-4 EC: 931-296-8 Index: Non-applicable REACH: 01-2119488533-30-XXXX | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts⁽¹⁾ Self-classified | 1 - <3 % |
| | Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Dam. 1: H318 - Danger | |
| CAS: 7664-93-9 EC: 231-639-5 Index: 016-020-00-8 REACH: 01-2119458838-20-XXXX | sulphuric acid⁽²⁾ Self-classified | <1 % |
| | Regulation 1272/2008 Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger | |
| CAS: 84-66-2 EC: 201-550-6 Index: Non-applicable REACH: 01-2119486682-27-XXXX | Diethyl phthalate⁽³⁾ Not classified | <1 % |
| | Regulation 1272/2008 | |
| CAS: 56-81-5 EC: 200-289-5 Index: Non-applicable REACH: 01-2119471987-18-XXXX | Glycerol⁽³⁾ Not classified | <1 % |
| | Regulation 1272/2008 | |
| CAS: 2682-20-4 EC: 220-239-6 Index: 613-326-00-9 REACH: 01-2120764690-50-XXXX | 2-methylisothiazol-3(2H)-one⁽¹⁾ ATP ATP13 | <1 % |
| | Regulation 1272/2008 Acute Tox. 2: H330; Acute Tox. 3: H301+H311; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1B: H314; Skin Sens. 1A: H317; EUH071 - Danger | |
| CAS: 97-54-1 EC: 202-590-7 Index: 604-094-00-X REACH: Non-applicable | Isoeugenol⁽¹⁾ Self-classified | <1 % |
| | Regulation 1272/2008 Acute Tox. 4: H302+H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317; STOT SE 3: H335 - Warning | |

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

⁽²⁾ Substance with a Union workplace exposure limit

⁽³⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

| Identification | M-factor | |
|----------------|---|-------|
| | 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Acute |
| | Chronic | 1 |

| Identification | Specific concentration limit |
|--|--|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | % (w/w) >=10: Eye Dam. 1 - H318 5<= % (w/w) <10: Eye Irrit. 2 - H319 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | % (w/w) >=10: Eye Dam. 1 - H318 4<= % (w/w) <10: Eye Irrit. 2 - H319 |
| sulphuric acid CAS: 7664-93-9 EC: 231-639-5 | % (w/w) >=15: Skin Corr. 1A - H314 5<= % (w/w) <15: Skin Irrit. 2 - H315 % (w/w) >=15: Eye Dam. 1 - H318 5<= % (w/w) <15: Eye Irrit. 2 - H319 |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | % (w/w) >=0.0015: Skin Sens. 1A - H317 |
| Isoeugenol CAS: 97-54-1 EC: 202-590-7 | % (w/w) >=0.01: Skin Sens. 1A - H317 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification | Acute toxicity | | Genus |
|-----------------|--|----------------|-------|
| | Sodium dodecylbenzenesulfonate CAS: 25155-30-0 EC: 246-680-4 | LD50 oral | |
| LD50 dermal | | Non-applicable | |
| LC50 inhalation | | Non-applicable | |

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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SECTION 4: FIRST AID MEASURES (continued)

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 4 °C
Maximum Temp.: 40 °C

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification | Occupational exposure limits | | |
|--|------------------------------|----------------------|--------------|
| | WEL (8h) | WEL (15 min) | WEL (30 min) |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | 5 mg/m ³ | 10 mg/m ³ | |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | 10 mg/m ³ | | |
| sulphuric acid CAS: 7664-93-9 EC: 231-639-5 | 0.05 mg/m ³ | | |

DNEL (Workers):

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------------|----------------------|----------------------|----------------------|
| | | Systemic | Local | Systemic | Local |
| Sodium dodecylbenzenesulfonate CAS: 25155-30-0 EC: 246-680-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | 80 mg/kg | Non-applicable | 57.2 mg/kg | Non-applicable |
| | Inhalation | 52 mg/m ³ | 52 mg/m ³ | 52 mg/m ³ | 52 mg/m ³ |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------|-------------------------|-------------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 2750 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 175 mg/m ³ | Non-applicable |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 12.5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 44 mg/m ³ | Non-applicable |
| sulphuric acid CAS: 7664-93-9 EC: 231-639-5 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | 0.1 mg/m ³ | Non-applicable | 0.05 mg/m ³ |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 15 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 10.56 mg/m ³ | Non-applicable |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 56 mg/m ³ |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | 0.043 mg/m ³ | Non-applicable | 0.021 mg/m ³ |

DNEL (General population):

| Identification | | Short exposure | | Long exposure | |
|--|------------|----------------------|-------------------------|-------------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| Sodium dodecylbenzenesulfonate CAS: 25155-30-0 EC: 246-680-4 | Oral | 13 mg/kg | Non-applicable | 13 mg/kg | Non-applicable |
| | Dermal | 40 mg/kg | Non-applicable | 28.6 mg/kg | Non-applicable |
| | Inhalation | 26 mg/m ³ | 26 mg/m ³ | 26 mg/m ³ | 26 mg/m ³ |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | Oral | Non-applicable | Non-applicable | 15 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1650 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 52 mg/m ³ | Non-applicable |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | Oral | Non-applicable | Non-applicable | 7.5 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 7.5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 13.04 mg/m ³ | Non-applicable |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | Oral | Non-applicable | Non-applicable | 0.75 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 7.5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 2.6 mg/m ³ | Non-applicable |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | Oral | Non-applicable | Non-applicable | 229 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | Non-applicable | 33 mg/m ³ |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Oral | 0.053 mg/kg | Non-applicable | 0.027 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Inhalation | Non-applicable | 0.043 mg/m ³ | Non-applicable | 0.021 mg/m ³ |

PNEC:

| Identification | | | | | |
|--|--------------|------------|-------------------------|------------|--|
| Sodium dodecylbenzenesulfonate CAS: 25155-30-0 EC: 246-680-4 | STP | 50 mg/L | Fresh water | 0.693 mg/L | |
| | Soil | 25 mg/kg | Marine water | 1 mg/L | |
| | Intermittent | 0.654 mg/L | Sediment (Fresh water) | 27.5 mg/kg | |
| | Oral | 0.02 g/kg | Sediment (Marine water) | 2.75 mg/kg | |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|--|--------------|----------------|-------------------------|----------------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | STP | 10000 mg/L | Fresh water | 0.24 mg/L |
| | Soil | 7.5 mg/kg | Marine water | 0.024 mg/L |
| | Intermittent | 0.071 mg/L | Sediment (Fresh water) | 0.917 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.092 mg/kg |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | STP | 3000 mg/L | Fresh water | 0.013 mg/L |
| | Soil | 0.85 mg/kg | Marine water | 0.001 mg/L |
| | Intermittent | Non-applicable | Sediment (Fresh water) | 11.1 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 1.11 mg/kg |
| sulphuric acid CAS: 7664-93-9 EC: 231-639-5 | STP | 8.8 mg/L | Fresh water | 0.003 mg/L |
| | Soil | Non-applicable | Marine water | 0 mg/L |
| | Intermittent | Non-applicable | Sediment (Fresh water) | 0.002 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.002 mg/kg |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | STP | 2 mg/L | Fresh water | 0.012 mg/L |
| | Soil | 0.137 mg/kg | Marine water | 0.0012 mg/L |
| | Intermittent | 0.12 mg/L | Sediment (Fresh water) | 0.137 mg/kg |
| | Oral | 0.033 g/kg | Sediment (Marine water) | 0.0137 mg/kg |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | STP | 1000 mg/L | Fresh water | 0.885 mg/L |
| | Soil | 0.141 mg/kg | Marine water | 0.088 mg/L |
| | Intermittent | 8.85 mg/L | Sediment (Fresh water) | 3.3 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.33 mg/kg |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | STP | 0.23 mg/L | Fresh water | 0.00339 mg/L |
| | Soil | 0.047 mg/kg | Marine water | 0.00339 mg/L |
| | Intermittent | 0.00339 mg/L | Sediment (Fresh water) | Non-applicable |
| | Oral | Non-applicable | Sediment (Marine water) | Non-applicable |

8.2 Exposure controls:



A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection



The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|--------------|--|
|  Mandatory hand protection | Protective gloves against minor risks (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.062 mm, Conditions of use: Normal) |  | | Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 and EN ISO 374-1:2016+A1:2018 |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---|---------------------------------|---|
|  Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002 EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |



E.- Body protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|-----------|----------------------|---|-------------------|---|
| | Work clothing |  | | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
| | Anti-slip work shoes |  | EN ISO 20347:2012 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007 |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|---|---|--|--|
|  Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 |  Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

Physical state at 20 °C: Liquid
Appearance: Opaque
Colour: Blue
Odour: Fruity
Odour threshold: Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 100 °C
Vapour pressure at 20 °C: 2348 Pa
Vapour pressure at 50 °C: 12373.35 Pa (12.37 kPa)
Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C: Non-applicable *
Relative density at 20 °C: 1.03
Dynamic viscosity at 20 °C: Non-applicable *
Kinematic viscosity at 20 °C: Non-applicable *
Kinematic viscosity at 40 °C: Non-applicable *
Concentration: Non-applicable *
pH: 8.6 - 9.6 (at 100 %)
Vapour density at 20 °C: Non-applicable *
Partition coefficient n-octanol/water 20 °C: Non-applicable *
Solubility in water at 20 °C: Non-applicable *
Solubility properties: Highly water-soluble
Decomposition temperature: Non-applicable *
Melting point/freezing point: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Flammability:

Flash Point: Non Flammable (>60 °C)
 Flammability (solid, gas): Non-applicable *
 Autoignition temperature: 220 °C
 Lower flammability limit: Non-applicable *
 Upper flammability limit: Non-applicable *

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Non-applicable *
 Oxidising properties: Non-applicable *
 Corrosive to metals: Non-applicable *
 Heat of combustion: Non-applicable *
 Aerosols-total percentage (by mass) of flammable components: Non-applicable *

Other safety characteristics:

Surface tension at 20 °C: Non-applicable *
 Refraction index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

10.5 Incompatible materials:

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION **

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

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SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|--|------------------|----------------|-------|
| | LD50 oral | LD50 dermal | |
| Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl) CAS: 68155-07-7 EC: 268-935-9 | >5000 mg/kg | Non-applicable | Rat |
| | Non-applicable | Non-applicable | |
| | Non-applicable | Non-applicable | |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | 2335 mg/kg | Non-applicable | Rat |
| | Non-applicable | Non-applicable | |
| | Non-applicable | Non-applicable | |
| Sodium dodecylbenzenesulfonate CAS: 25155-30-0 EC: 246-680-4 | 500 mg/kg (ATEi) | Non-applicable | |
| | Non-applicable | Non-applicable | |
| | Non-applicable | Non-applicable | |

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SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

| Identification | Acute toxicity | | Genus |
|---|-----------------|------------------|-------------|
| | LD50 oral | LD50 dermal | |
| sulphuric acid CAS: 7664-93-9 EC: 231-639-5 | LD50 oral | 2140 mg/kg | Rat |
| | LD50 dermal | Non-applicable | |
| | LC50 inhalation | Non-applicable | |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | LD50 oral | 27200 mg/kg | Rat |
| | LD50 dermal | >2000 mg/kg | Guinean pig |
| | LC50 inhalation | >5.85 mg/L (6 h) | Rat |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | LD50 oral | 120 mg/kg | Rat |
| | LD50 dermal | 242 mg/kg | Rat |
| | LC50 inhalation | Non-applicable | |
| Isoeugenol CAS: 97-54-1 EC: 202-590-7 | LD50 oral | 1500 mg/kg | Rat |
| | LD50 dermal | 1100 mg/kg | Rat |
| | LC50 inhalation | Non-applicable | |

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Non-applicable

** Changes with regards to the previous version

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

Harmful to aquatic life with long lasting effects.

12.1 Toxicity:

Acute toxicity:

| Identification | Concentration | | Species | Genus |
|---|---------------|---------------------|-------------------------|------------|
| | LC50 | EC50 | | |
| Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl) CAS: 68155-07-7 EC: 268-935-9 | LC50 | >1 - 10 mg/L (96 h) | | Fish |
| | EC50 | >1 - 10 mg/L (48 h) | | Crustacean |
| | EC50 | >1 - 10 mg/L (72 h) | | Algae |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | LC50 | 7.1 mg/L (96 h) | Danio rerio | Fish |
| | EC50 | 7.4 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 27 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | LC50 | 1.9 mg/L (96 h) | N/A | Fish |
| | EC50 | 6.5 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 4.66 mg/L (72 h) | Desmodesmus subspicatus | Algae |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | LC50 | 61 mg/L (48 h) | Leuciscus idus | Fish |
| | EC50 | 52 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | LC50 | 4.77 mg/L (96 h) | Oncorhynchus mykiss | Fish |
| | EC50 | 0.934 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|----------------|---------------------|------------|
| | NOEC | NOEC | | |
| Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl) CAS: 68155-07-7 EC: 268-935-9 | NOEC | 0.07 mg/L | Daphnia magna | Crustacean |
| | NOEC | Non-applicable | | |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | NOEC | 0.2 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 0.27 mg/L | Daphnia magna | Crustacean |

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

| Identification | Concentration | | Species | Genus |
|--|---------------|------------|---------------------|------------|
| | NOEC | | | |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 (even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | NOEC | 0.135 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 0.32 mg/L | Daphnia magna | Crustacean |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | NOEC | 5 mg/L | Cyprinus carpio | Fish |
| | NOEC | 25 mg/L | Daphnia magna | Crustacean |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | NOEC | 4.93 mg/L | Oncorhynchus mykiss | Fish |
| | NOEC | 0.044 mg/L | Daphnia magna | Crustacean |

12.2 Persistence and degradability:

Substance-specific information:

| Identification | Degradability | | Biodegradability | |
|--|---------------|----------------|------------------|-----------|
| | | | | |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts CAS: 68891-38-3 EC: 500-234-8 | BOD5 | Non-applicable | Concentration | 10.5 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 100 % |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts CAS: 97862-59-4 EC: 931-296-8 | BOD5 | Non-applicable | Concentration | 10 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 87 % |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 88 % |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 14 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 63 % |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | BOD5 | Non-applicable | Concentration | 10 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 55.8 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|---|---------------------------|-------|
| | | |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | BCF | 117 |
| | Pow Log | 2.07 |
| | Potential | High |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | BCF | 3 |
| | Pow Log | -1.76 |
| | Potential | Low |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | BCF | |
| | Pow Log | -0.49 |
| | Potential | |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|-----------------------|----------------------|------------|---------------------------------|
| | | | | |
| Diethyl phthalate CAS: 84-66-2 EC: 201-550-6 | Koc | Non-applicable | Henry | 6.181E-2 Pa·m ³ /mol |
| | Conclusion | Non-applicable | Dry soil | No |
| | Surface tension | 3.699E-2 N/m (25 °C) | Moist soil | No |
| Glycerol CAS: 56-81-5 EC: 200-289-5 | Koc | Non-applicable | Henry | Non-applicable |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 6.516E-2 N/m (25 °C) | Moist soil | Non-applicable |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Koc | Non-applicable | Henry | OE+0 Pa·m ³ /mol |
| | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | Non-applicable | Moist soil | Non-applicable |

12.5 Results of PBT and vPvB assessment:

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SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

** Changes with regards to the previous version

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|-----------|--|--|
| 20 01 29* | detergents containing hazardous substances | Hazardous |

Type of waste (Regulation (EU) No 1357/2014):

HP14 Ecotoxic, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains 2-methylisothiazol-3(2H)-one, N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine, 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: 2-methylisothiazol-3(2H)-one (Product-type 6, 11, 12, 13) ; N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Product-type 2, 3, 4, 6, 8, 11, 12, 13) ; 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 11, 12, 13) ; Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (Product-type 2, 4, 6, 11, 12, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Regulation (EC) No 648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradability criteria stipulated in Regulation (EC) n°648/2004 on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

Labelling for contents:

| Component | Concentration interval |
|------------------------|------------------------|
| Non-ionic surfactants | % (w/w) < 5 |
| Amphoteric surfactants | % (w/w) < 5 |

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SECTION 15: REGULATORY INFORMATION (continued)

| Component | Concentration interval |
|---------------------|------------------------|
| Anionic surfactants | 5 <= % (w/w) < 15 |
| perfumes | |

Allergenic fragrances: benzyl alcohol (BENZYL ALCOHOL).

Preservation agents: 1,2-benzisothiazol-3(2H)-one (BENZISOTHIAZOLINONE), 2-methylisothiazol-3(2H)-one (METHYLISOTHIAZOLINONE), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (LAURYLAMINE DIPROPYLENEDIAMINE), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (METHYLCHLOROISOTHIAZOLINONE / METHYLISOTHIAZOLINONE).

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors: Contains sulphuric acid . Product under the provisions of Article 9. However, products that contain explosives precursors only to such a small extent and in such complex mixtures that the extraction of the explosives precursors is technically extremely difficult should be excluded from the scope of this Regulation.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885
Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits

The Waste Regulations 2011, 2011 No. 988

COSHH-SR24 Storing chemical products (small scale).

COSHH-SR2 Diluting chemical concentrates.

COSHH-SR4 Manual cleaning and disinfecting surfaces.

Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII

Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
 - Diethyl phthalate (84-66-2)
 - Glycerol (56-81-5)

Substances that contribute to the classification (SECTION 2):

- New declared substances
 - Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl) (68155-07-7)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Hazard statements

Texts of the legislative phrases mentioned in section 2:

H317: May cause an allergic skin reaction.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

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SECTION 16: OTHER INFORMATION ** (continued)**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 2: H330 - Fatal if inhaled.

Acute Tox. 3: H301+H311 - Toxic if swallowed or in contact with skin.

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Met. Corr. 1: H290 - May be corrosive to metals.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

Skin Sens. 1A: Calculation method

Skin Irrit. 2: Calculation method

Eye Dam. 1: Calculation method

Aquatic Chronic 3: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:<http://echa.europa.eu><http://eur-lex.europa.eu>**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

**** Changes with regards to the previous version**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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