


Screenwash Concentrate

Date of compilation: 25/07/2023 Version: 1

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

- 1.1 Product identifier:** Screenwash Concentrate
- Other means of identification:**
- UFI:** N45J-2N4U-U007-4RCX
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses: Car windscreen washer; automotive applications
- 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 Irrit. 2: Eye irritation, Category 2, H319
Skin Sens. 1A: Sensitisation, skin, Category 1A, H317
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Warning**
- 
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Skin Sens. 1A: H317 - May cause an allergic skin reaction.
- Precautionary statements:**
- P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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:**

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SECTION 2: HAZARDS IDENTIFICATION (continued)

Contains 1,2-benzisothiazol-3(2H)-one, Linalool.

Substances that contribute to the classification

2-methylisothiazol-3(2H)-one (CAS: 2682-20-4)

Labelling for contents:

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

Allergenic fragrances: 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (alpha-ISOMETHYL IONONE), benzyl alcohol (BENZYL ALCOHOL), Citronellol (CITRONELLOL), Linalool (LINALOOL).

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).

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Aqueous mixture composed of alcohols and colourants

Components:

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

| Identification | Chemical name/Classification | Concentration |
|---|--|---------------|
| 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 | 3 - <10 % |
| CAS: 64-17-5 EC: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXXX | ethanol⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Danger | 1 - <3 % |
| CAS: 137-16-6 EC: 205-281-5 Index: Non-applicable REACH: 01-2119527780-39-XXXX | Sodium N-lauroylsarcosinate⁽¹⁾ Self-classified Regulation 1272/2008 Acute Tox. 2: H330; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 1 - <3 % |
| CAS: 2372-82-9 EC: 219-145-8 Index: Non-applicable REACH: 01-2119980592-29-XXXX | N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine⁽¹⁾ Self-classified Regulation 1272/2008 Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314; STOT RE 2: H373 - Danger | <1 % |
| 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 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 | <1 % |
| CAS: 2634-33-5 EC: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60-XXXX | 1,2-benzisothiazol-3(2H)-one⁽¹⁾ ATP CLP00 Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger | <1 % |
| CAS: 67-63-0 EC: 200-661-7 Index: 603-117-00-0 REACH: 01-2119457558-25-XXXX | propan-2-ol⁽²⁾ ATP CLP00 Regulation 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336 - Danger | <1 % |
| CAS: 78-70-6 EC: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX | Linalool⁽¹⁾ Self-classified Regulation 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Warning | <1 % |

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

⁽²⁾ 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: 1310-73-2 EC: 215-185-5 Index: 011-002-00-6 REACH: 01-2119457892-27-XXXX | sodium hydroxide⁽²⁾ Self-classified Regulation 1272/2008 Eye Dam. 1: H318; Met. Corr. 1: H290; Skin Corr. 1A: H314 - Danger | <1 % |

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878
⁽²⁾ 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 | |
|--|----------|---------|
| | Acute | Chronic |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | 10 | 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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | % (w/w) >=50: Eye Irrit. 2 - H319 |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | % (w/w) >=30: Skin Irrit. 2 - H315 % (w/w) >=30: Eye Dam. 1 - H318 1<= % (w/w) <30: 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 |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | % (w/w) >=0.05: Skin Sens. 1 - H317 |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | % (w/w) >=0.1: Met. Corr. 1 - H290 % (w/w) >=5: Skin Corr. 1A - H314 2<= % (w/w) <5: Skin Corr. 1B - H314 0.5<= % (w/w) <2: Skin Irrit. 2 - H315 % (w/w) >=2: Eye Dam. 1 - H318 0.5<= % (w/w) <2: Eye Irrit. 2 - H319 |

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 |
|---|----------------|----------------|-------|
| | LD50 oral | LD50 dermal | |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Non-applicable | Non-applicable | |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | Non-applicable | Non-applicable | |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

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:

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

By eye contact:

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SECTION 4: FIRST AID MEASURES (continued)

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, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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.

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.

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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

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for 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 (15 min) |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | | | 2 mg/m ³ |
| ethanol CAS: 64-17-5 EC: 200-578-6 | WEL (8h) | 1000 ppm | 1920 mg/m ³ |
| | WEL (15 min) | | |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | WEL (8h) | 400 ppm | 999 mg/m ³ |
| | WEL (15 min) | 500 ppm | 1250 mg/m ³ |

DNEL (Workers):

| 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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 343 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 950 mg/m ³ | Non-applicable |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 20 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 70.53 mg/m ³ | Non-applicable |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 8.96 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.789 mg/m ³ | Non-applicable |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | Short exposure | | Long exposure | |
|---|------------|----------------|-------------------------|-------------------------|-------------------------|
| | | Systemic | Local | Systemic | Local |
| 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 |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0.966 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 6.81 mg/m ³ | Non-applicable |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 888 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 500 mg/m ³ | Non-applicable |
| Linalool CAS: 78-70-6 EC: 201-134-4 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 3.5 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 24.58 mg/m ³ | Non-applicable |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | 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 | 1 mg/m ³ |

DNEL (General population):

| 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 | 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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | Oral | Non-applicable | Non-applicable | 87 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 206 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 114 mg/m ³ | Non-applicable |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | Oral | Non-applicable | Non-applicable | 10 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 10 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 17.39 mg/m ³ | Non-applicable |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | Oral | Non-applicable | Non-applicable | 0.04 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 3.2 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 0.118 mg/m ³ | Non-applicable |
| 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 |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 0.345 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 1.2 mg/m ³ | Non-applicable |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | Oral | Non-applicable | Non-applicable | 26 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 319 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 89 mg/m ³ | Non-applicable |
| Linalool CAS: 78-70-6 EC: 201-134-4 | Oral | Non-applicable | Non-applicable | 2.49 mg/kg | Non-applicable |
| | Dermal | Non-applicable | Non-applicable | 1.25 mg/kg | Non-applicable |
| | Inhalation | Non-applicable | Non-applicable | 4.33 mg/m ³ | Non-applicable |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | 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 | 1 mg/m ³ |

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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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | STP | 580 mg/L | Fresh water | 0.96 mg/L |
| | Soil | 0.63 mg/kg | Marine water | 0.79 mg/L |
| | Intermittent | 2.75 mg/L | Sediment (Fresh water) | 3.6 mg/kg |
| | Oral | 0.38 g/kg | Sediment (Marine water) | 2.9 mg/kg |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | STP | 3 mg/L | Fresh water | 0.009 mg/L |
| | Soil | 0.008 mg/kg | Marine water | 0.001 mg/L |
| | Intermittent | 0.089 mg/L | Sediment (Fresh water) | 0.064 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.006 mg/kg |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | STP | 0.18 mg/L | Fresh water | 0.001 mg/L |
| | Soil | 45.34 mg/kg | Marine water | 0 mg/L |
| | Intermittent | 0 mg/L | Sediment (Fresh water) | 3.2 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.13 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 |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | STP | 1.03 mg/L | Fresh water | 0.00403 mg/L |
| | Soil | 3 mg/kg | Marine water | 0.000403 mg/L |
| | Intermittent | 0.0011 mg/L | Sediment (Fresh water) | 0.0499 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0.00499 mg/kg |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | STP | 2251 mg/L | Fresh water | 140.9 mg/L |
| | Soil | 28 mg/kg | Marine water | 140.9 mg/L |
| | Intermittent | 140.9 mg/L | Sediment (Fresh water) | 552 mg/kg |
| | Oral | 0.16 g/kg | Sediment (Marine water) | 552 mg/kg |
| Linalool CAS: 78-70-6 EC: 201-134-4 | STP | 10 mg/L | Fresh water | 0.2 mg/L |
| | Soil | 0.327 mg/kg | Marine water | 0.02 mg/L |
| | Intermittent | 2 mg/L | Sediment (Fresh water) | 2.22 mg/kg |
| | Oral | 0.0078 g/kg | Sediment (Marine water) | 0.222 mg/kg |

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

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|--|---|---------------|---------------------|--|
| Mandatory respiratory tract protection | Filter mask for gases and vapours (Filter type: A2) | CE CAT III | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

C.- Specific protection for the hands

| Pictogram | PPE | Labelling | CEN Standard | Remarks |
|---------------------------|--|---------------|-------------------|--|
| Mandatory hand protection | Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.062 mm, Conditions of use: Normal) | CE CAT III | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

| 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: Transparent
Colour: Red
Odour: Fruity
Odour threshold: Non-applicable *

Volatility:

Boiling point at atmospheric pressure: 100 °C
Vapour pressure at 20 °C: 2399 Pa
Vapour pressure at 50 °C: 12588.29 Pa (12.59 kPa)
Evaporation rate at 20 °C: Non-applicable *

Product description:

Density at 20 °C: Non-applicable *
Relative density at 20 °C: 1.002
Dynamic viscosity at 20 °C: Non-applicable *
Kinematic viscosity at 20 °C: Non-applicable *
Kinematic viscosity at 40 °C: 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)

| | |
|--|------------------|
| Concentration: | Non-applicable * |
| pH: | 9.4 (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: | Soluble |
| Decomposition temperature: | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |
| Flammability: | |
| Flash Point: | 64 °C |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature: | 235 °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 | Precaution | Precaution | 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:

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SECTION 10: STABILITY AND REACTIVITY (continued)

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:

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

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: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces 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. However, it does 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:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

| Identification | Acute toxicity | | Genus |
|---|-----------------|------------------|--------|
| | Route | Dose | |
| 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 | 0.5 mg/L (ATEi) | |
| ethanol CAS: 64-17-5 EC: 200-578-6 | LD50 oral | 6200 mg/kg | Rat |
| | LD50 dermal | 20000 mg/kg | Rabbit |
| | LC50 inhalation | 124.7 mg/L (4 h) | Rat |
| Sodium N-lauroylsarcosinate CAS: 137-16-6 EC: 205-281-5 | LD50 oral | >5000 mg/kg | Rat |
| | LD50 dermal | Non-applicable | |
| | LC50 inhalation | 0.5 mg/L (ATEi) | |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | LD50 oral | 261 mg/kg | Rat |
| | LD50 dermal | Non-applicable | |
| | LC50 inhalation | Non-applicable | |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | LD50 oral | 500 mg/kg | Rat |
| | LD50 dermal | Non-applicable | |
| | LC50 inhalation | Non-applicable | |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | LD50 oral | 5280 mg/kg | Rat |
| | LD50 dermal | 12800 mg/kg | Rat |
| | LC50 inhalation | 72.6 mg/L (4 h) | Rat |
| Linalool CAS: 78-70-6 EC: 201-134-4 | LD50 oral | 3000 mg/kg | Rat |
| | LD50 dermal | 5610 mg/kg | Rabbit |
| | LC50 inhalation | Non-applicable | |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | LD50 oral | >2000 mg/kg | |
| | LD50 dermal | Non-applicable | |
| | 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

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 |
|---|---------------|----------------------|-------------------------|------------|
| | Concentration | Duration | | |
| 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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | LC50 | 11000 mg/L (96 h) | Alburnus alburnus | Fish |
| | EC50 | 9268 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 1450 mg/L (192 h) | Microcystis aeruginosa | Algae |
| N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine CAS: 2372-82-9 EC: 219-145-8 | LC50 | >0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 | >0.1 - 1 mg/L (48 h) | | Crustacean |
| | EC50 | >0.1 - 1 mg/L (72 h) | | Algae |
| 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 | | |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Concentration | Species | Genus |
|---|---------------------------|-------------------------|------------|
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | LC50 >0.1 - 1 mg/L (96 h) | | Fish |
| | EC50 >0.1 - 1 mg/L (48 h) | | Crustacean |
| | EC50 >0.1 - 1 mg/L (72 h) | | Algae |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | LC50 9640 mg/L (96 h) | Pimephales promelas | Fish |
| | EC50 13299 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 1000 mg/L (72 h) | Scenedesmus subspicatus | Algae |
| sodium hydroxide CAS: 1310-73-2 EC: 215-185-5 | LC50 189 mg/L (48 h) | Leuciscus idus | Fish |
| | EC50 33 mg/L | Crangon crangon | Crustacean |
| | EC50 Non-applicable | | |

Chronic toxicity:

| Identification | Concentration | Species | Genus |
|--|-----------------|---------------------|------------|
| 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 |
| ethanol CAS: 64-17-5 EC: 200-578-6 | NOEC 250 mg/L | Danio rerio | Fish |
| | NOEC 2 mg/L | Ceriodaphnia dubia | 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 % |
| ethanol CAS: 64-17-5 EC: 200-578-6 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 14 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 89 % |
| 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 % |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 0 % |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | BOD5 | 1.19 g O2/g | Concentration | 100 mg/L |
| | COD | 2.23 g O2/g | Period | 14 days |
| | BOD5/COD | 0.53 | % Biodegradable | 86 % |
| linalool CAS: 78-70-6 EC: 201-134-4 | BOD5 | Non-applicable | Concentration | 100 mg/L |
| | COD | Non-applicable | Period | 28 days |
| | BOD5/COD | Non-applicable | % Biodegradable | 90 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|---|---------------------------|-------|
| ethanol CAS: 64-17-5 EC: 200-578-6 | BCF | 3 |
| | Pow Log | -0.31 |
| | Potential | Low |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | BCF | |
| | Pow Log | -0.49 |
| | Potential | |
| 1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5 EC: 220-120-9 | BCF | 2 |
| | Pow Log | 1.45 |
| | Potential | Low |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Bioaccumulation potential | |
|--|---------------------------|---------|
| | BCF | Pow Log |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | 3 | 0.05 |
| Linalool CAS: 78-70-6 EC: 201-134-4 | Low | 2.97 |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|---|-----------------------|----------------|------------|---------------------------------|
| | Koc | Conclusion | Henry | Henry |
| ethanol CAS: 64-17-5 EC: 200-578-6 | 1 | Very High | Dry soil | 4.61E-1 Pa·m ³ /mol |
| | 2.339E-2 N/m (25 °C) | | Moist soil | Yes |
| | Non-applicable | | Moist soil | Yes |
| 2-methylisothiazol-3(2H)-one CAS: 2682-20-4 EC: 220-239-6 | Non-applicable | Non-applicable | Dry soil | 0E+0 Pa·m ³ /mol |
| | Non-applicable | | Dry soil | Non-applicable |
| | Non-applicable | | Moist soil | Non-applicable |
| propan-2-ol CAS: 67-63-0 EC: 200-661-7 | 1.5 | Very High | Dry soil | 8.207E-1 Pa·m ³ /mol |
| | 2.24E-2 N/m (25 °C) | | Dry soil | Yes |
| | | | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

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

HP14 Ecotoxic, HP6 Acute Toxicity

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-dangerous 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.

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

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SECTION 15: REGULATORY INFORMATION (continued)

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: ethanol (Product-type 1, 2, 4) ; N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (Product-type 2, 3, 4, 6, 8, 11, 12, 13) ; 2-methylisothiazol-3(2H)-one (Product-type 6, 11, 12, 13) ; 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 11, 12, 13) ; propan-2-ol (Product-type 1, 2, 4)

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

Allergenic fragrances: 3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one (alpha-ISOMETHYL IONONE), benzyl alcohol (BENZYL ALCOHOL), Citronellol (CITRONELLOL), Linalool (LINALOOL).

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).

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.

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.:

Non-applicable

Texts of the legislative phrases mentioned in section 2:

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SECTION 16: OTHER INFORMATION (continued)

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

H317: May cause an allergic skin reaction.

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 - Toxic if swallowed.

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

Acute Tox. 4: H302 - Harmful if swallowed.

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

Aquatic Chronic 1: H410 - Very 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.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

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. 1: H317 - May cause an allergic skin reaction.

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

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

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Eye Irrit. 2: Calculation method

Aquatic Chronic 3: Calculation method

Skin Sens. 1A: 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

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.

- END OF SAFETY DATA SHEET -