

## Safety data sheet

This SDS is an English translation of Regulation (EU) n° 2015/830, without any country-specific legislation

### APPI - Washing-up Balsam - sensitive

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

- 1.1 Product identifier:** APPI Washing-up Balsam sensitive  
**Other means of identification:**  
 Non-applicable
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
 Relevant uses: Dishwashing detergent  
 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:**  
 GOLD DROP Sp. z o.o.  
 Ul. Rzeczna 11d  
 34-600 LIMANOWA - Poland  
 Phone.: +48 18 3376137 - Fax: +48 18 3376117  
 msds@golddrop.eu  
 www.golddrop.eu
- 1.4 Emergency telephone number:** PL 0048 18 3376137 ( 8.00am - 3.00pm) (english) ; 112

#### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**  
**CLP Regulation (EC) No 1272/2008:**  
 The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Hazard statements:**  
 Non-applicable  
**Precautionary statements:**  
 P101: If medical advice is needed, have product container or label at hand.  
 P102: Keep out of reach of children.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Additional labeling:**  
 Ingredients: anionic surfactant 5-15%, nonionic surfactant <5%, amphoteric surfactant <5%, parfum (Geraniol, Hexyl Cinnamal, Limonene), preservative (Benzisothiazolinone, Sodium Pyrithione)
- 2.3 Other hazards:**  
 Product fails to meet PBT/vPvB criteria

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\*

- 3.1 Substance:**  
 Non-applicable
- 3.2 Mixture:**  
**Chemical description:** Mixture composed of chemical products

**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<br>EC: 500-234-8<br>Index: Non-applicable<br>REACH: 01-2119488639-16-XXXX | <b>Alcohols, C12-14(even numbered), ethoxylated &lt; 2.5 EO, sulfates, sodium salts<sup>(1)</sup></b><br>Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | Self-classified<br><br><b>3 - &lt;5 %</b> |
| CAS: 25155-30-0<br>EC: 246-680-4  | <b>Sodium dodecylbenzenesulfonate<sup>(1)</sup></b>   | Self-classified                           |

EC: 246-68U-4  
Index: Non-applicable  
REACH: 01-2120088038-51-XXXX

Regulation 1272/2008

Acute Tox. 4: H302; 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. 2015/830

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

#### Other information:

| Identification  | Specific concentration limit  |
|---|---|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3<br>EC: 500-234-8 | % (w/w) >=10: Eye Dam. 1 - H318<br>5<= % (w/w) <10: Eye Irrit. 2 - H319 |

\*\* Changes with regards to the previous version

## 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 does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

#### By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

#### By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for 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:

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.

### 6.2 Environmental precautions:

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into the aquatic environment notify the relevant authority.

### 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.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### 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 to prevent ergonomic and toxicological risks

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

#### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

### 7.2 Conditions for safe storage, including any incompatibilities:

#### A.- Technical measures for storage

|                |           |
|----------------|-----------|
| Minimum Temp.: | 5 °C      |
| Maximum Temp.: | 30 °C     |
| Maximum time:  | 36 Months |

#### B.- General conditions for storage

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

#### Other information:

Dry, well-ventilated and sun-protected rooms

### 7.3 Specific end use(s):

The product is to be used for washing-up dishes made of glass, metal and plastics.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

There are no occupational exposure limits for the substances contained in the product

#### DNEL (Workers):

| Identification  |            | Short exposure       |                      | Long exposure         |                      |
|---|------------|----------------------|----------------------|-----------------------|----------------------|
|   |            | Systemic             | Local                | Systemic              | Local                |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3<br>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 <sup>3</sup> | Non-applicable       |
| Sodium dodecylbenzenesulfonate<br>CAS: 25155-30-0<br>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 <sup>3</sup> | 52 mg/m <sup>3</sup> | 52 mg/m <sup>3</sup>  | 52 mg/m <sup>3</sup> |

#### DNEL (General population):

| Identification  |            | Short exposure       |                      | Long exposure        |                      |
|---|------------|----------------------|----------------------|----------------------|----------------------|
|   |            | Systemic             | Local                | Systemic             | Local                |
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3<br>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 <sup>3</sup> | Non-applicable       |
| Sodium dodecylbenzenesulfonate<br>CAS: 25155-30-0<br>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 <sup>3</sup> | 26 mg/m <sup>3</sup> | 26 mg/m <sup>3</sup> | 26 mg/m <sup>3</sup> |

#### PNEC:

| Identification  |              |                |                         |             |
|---|--------------|----------------|-------------------------|-------------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts<br>CAS: 68891-38-3<br>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 |
| Sodium dodecylbenzenesulfonate<br>CAS: 25155-30-0<br>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  |

## 8.2 Exposure controls:

### A.- General security and hygiene measures in the work place

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

Non-applicable

### D.- Ocular and facial protection

Use protective goggles whenever there is a risk of eye contamination

### E.- Body protection

Non-applicable

### F.- Additional emergency measures

It is not necessary to take additional emergency measures.

For Alcohols, C12-14(even numbered), ethoxylated (< 2.5 EO), sulfates, sodium salts:

In case of prolonged direct exposure, butyl rubber gloves at least 0.7 mm thick with minimum permeation time of 480 minutes should be used.

In case of short-term direct exposure, nitrile latex/nitrile rubber gloves at least 0.4 mm thick with minimum permeation time of 30 minutes should be used.

### 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

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                |
|---------------------------|----------------|
| V.O.C. (Supply):          | 0,04 % weight  |
| V.O.C. density at 20 °C:  | Non-applicable |
| Average carbon number:    | 10             |
| Average molecular weight: | 139 g/mol      |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

#### Appearance:

Physical state at 20 °C: Liquid

|  |                                 |
|--|---------------------------------|
| Appearance:                                  | Milky                           |
| Colour:                                      | <input type="checkbox"/> White  |
| Odour:                                       | Characteristic                  |
| Odour threshold:                             | Non-applicable *                |
| <b>Volatility:</b>                           |                                 |
| Boiling point at atmospheric pressure:       | 100 °C                          |
| Vapour pressure at 20 °C:                    | Non-applicable *                |
| Vapour pressure at 50 °C:                    | 12379,07 Pa (12,38 kPa)         |
| Evaporation rate at 20 °C:                   | Non-applicable *                |
| <b>Product description:</b>                  |                                 |
| Density at 20 °C:                            | Non-applicable *                |
| Relative density at 20 °C:                   | 1,016 - 1,024 g/cm <sup>3</sup> |
| 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:  | 5 - 6                           |
| Vapour density at 20 °C:                     | Non-applicable *                |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *                |
| Solubility in water at 20 °C:                |                                 |
| Solubility properties:                       | Highly water-soluble            |
| Decomposition temperature:                   | Non-applicable *                |
| Melting point/freezing point:                | Non-applicable *                |
| Explosive properties:                        | Non-applicable *                |
| Oxidising properties:                        | Non-applicable *                |
| <b>Flammability:</b>                         |                                 |
| Flash Point:                                 | Non Flammable (>60 °C)          |
| Heat of combustion:                          | Non-applicable *                |
| Flammability (solid, gas):                   | Non-applicable *                |
| Autoignition temperature:                    | 225 °C                          |
| Lower flammability limit:                    | Non-applicable *                |
| Upper flammability limit:                    | Non-applicable *                |
| <b>Explosive:</b>                            |                                 |
| Lower explosive limit:                       | Non-applicable *                |
| Upper explosive limit:                       | Non-applicable *                |
| <b>9.2 Other information:</b>                |                                 |
| 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.

### 10.2 Chemical stability:

Chemically stable under the 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 | Not applicable      | 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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

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 dangerous 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, as it does not contain substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

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

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 dangerous for the effects mentioned. For more information see section 3.  
IARC: d-limonene (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous 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 dangerous 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 dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

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

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

#### Other information:

The toxicological tests were carried out according to the OECD 438 method (TOXI COOP ZRT Balatonfured Hungary, Report No. 835-438-0453

According to OECD guidelines 438, this product cannot be classified as corrosive or irritating to eyes. According to the OECD guideline 438, it was therefore marked as NOT CATEGORY

#### Specific toxicology information on the substances:

| Identification                 | Acute toxicity  |                  | Genus |
|--------------------------------|-----------------|------------------|-------|
| Sodium dodecylbenzenesulfonate | LD50 oral       | 500 mg/kg (ATEi) |       |
| CAS: 25155-30-0                | LD50 dermal     | Non-applicable   |       |
| EC: 246-680-4                  | LC50 inhalation | Non-applicable   |       |

## SECTION 12: ECOLOGICAL INFORMATION

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

### 12.1 Toxicity:

| Identification  | Acute toxicity          | Species                 | Genus      |
|---|-------------------------|-------------------------|------------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts | LC50<br>7.1 mg/L (96 h) | Danio rerio             | Fish       |
| CAS: 68891-38-3   | EC50<br>7.4 mg/L (48 h) | Daphnia magna           | Crustacean |
| EC: 500-234-8   | EC50<br>27 mg/L (72 h)  | Scenedesmus subspicatus | Algae      |

### 12.2 Persistence and degradability:

| Identification  | Degradability |                | Biodegradability |           |
|---|---------------|----------------|------------------|-----------|
| Alcohols, C12-14(even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts | BOD5          | Non-applicable | Concentration    | 10.5 mg/L |
| CAS: 68891-38-3   | COD           | Non-applicable | Period           | 28 days   |
| EC: 500-234-8   | BOD5/COD      | Non-applicable | % Biodegradable  | 100 %     |

### 12.3 Bioaccumulative potential:

Not available

### 12.4 Mobility in soil:

Not available

### 12.5 Results of PBT and vPvB assessment:

Product fails to meet PBT/vPvB criteria

### 12.6 Other adverse effects:

Not described

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

| Code     | Description                                       | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|--|
| 20 01 30 | detergents other than those mentioned in 20 01 29 | Non dangerous                              |

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

Non-applicable

#### 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). As under 15 01 (2014/955/EC) 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. We do not recommend disposal down the drain. 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

### Transport of dangerous goods by land:

With regard to ADR 2019 and RID 2019:

|  |                |
|--|----------------|
| <b>14.1 UN number:</b>                   | Non-applicable |
| <b>14.2 UN proper shipping name:</b>     | Non-applicable |
| <b>14.3 Transport hazard class(es):</b>  | Non-applicable |
| Labels:                                  | Non-applicable |
| <b>14.4 Packing group:</b>               | Non-applicable |
| <b>14.5 Environmental hazards:</b>       | No             |
| <b>14.6 Special precautions for user</b> |                |
| Special regulations:                     | Non-applicable |
| Tunnel restriction code:                 | Non-applicable |
| Physico-Chemical properties:             | see section 9  |

Limited quantities: Non-applicable  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:

**14.1 UN number:** Non-applicable  
**14.2 UN proper shipping name:** Non-applicable  
**14.3 Transport hazard class(es):** Non-applicable  
 Labels: Non-applicable  
**14.4 Packing group:** Non-applicable  
**14.5 Marine pollutant:** No  
**14.6 Special precautions for user**  
 Special regulations: Non-applicable  
 EmS Codes:  
 Physico-Chemical properties: see section 9  
 Limited quantities: Non-applicable  
 Segregation group: Non-applicable

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2021:

**14.1 UN number:** Non-applicable  
**14.2 UN proper shipping name:** Non-applicable  
**14.3 Transport hazard class(es):** Non-applicable  
 Labels: Non-applicable  
**14.4 Packing group:** Non-applicable  
**14.5 Environmental hazards:** No  
**14.6 Special precautions for user**  
 Physico-Chemical properties: see section 9  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**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-phenoxyethanol, Pyridine-2-thiol 1-oxide, sodium salt, 1,2-benzisothiazol-3(2H)-one.

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: Geraniol (Product-type 18, 19) ; Pyridine-2-thiol 1-oxide, sodium salt (Product-type 2, 6, 7, 9, 10, 13) ; 1,2-benzisothiazol-3(2H)-one (Product-type 2, 6, 9, 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 |
|----------------------------------|------------------------|
| Anionic surfactants              | 5 <= % (w/w) < 15      |
| Non-ionic, amfoteric surfactants | % (w/w) < 5            |

Allergenic fragrances: d-limonene (LIMONENE), Geraniol (GERANIOL), Hexyl cinnam-aldehyde (HEXYL CINNAMAL).

Preservation agents: 1,2-benzisothiazol-3(2H)-one (BENZISOTHIAZOLINONE), Pyridine-2-thiol 1-oxide, sodium salt (SODIUM PYRITHIONE).

**Seveso III:**

Non-applicable

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

Non-applicable



### 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 product could be affected by sectorial legislation

- 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:

The SDS shall be supplied in an official language of the country where the product is placed on the market. 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 (Regulation (EC) No 2015/830).

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

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):

- Removed substances  
Amides, c8-18(even numbered) and c18-unsatd., n, n-(hydroxyethyl)

### 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. 4: H302 - Harmful if swallowed.  
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.

### Advice related to training:

Minimal 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: 5-day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
Log-POW: Octanol-water partition coefficient  
Koc: Partition coefficient of organic carbon

### Other information:

CLASSIFICATION - calculation method based on the contents of the individual substances in the formulation and physico-chemical properties and toxicology studies and meth. 438 OECD

Safety Data Sheet Nr N-3RO

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.