

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Aeriol ThixOSYN  
Product code : 3820-2, 3820-3, 3821-0, 3822-0, 3823-0  
Other means of identification : Bell Part # C-172

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Grease  
multi uses  
Professional uses

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

|   |                 |
|---|-----------------|
| <b>Supplier</b>   | <b>Importer</b> |
| Awsum Outcomes Inc<br>Bay 5, 409 38th Avenue NE<br>T2E 6R9 Calgary, Alberta<br>Canada<br>T 1 587-353-2000; Toll Free: 1-844-512-4093<br><a href="mailto:info@awsum.global">info@awsum.global</a> , <a href="http://www.awsum.global">www.awsum.global</a> |                 |

#### 1.4. Emergency telephone number

Emergency number : Toll Free 1-844-512-4093 M-F 8 am-4 pm (English only)

| Country/Area | Organisation/Company                                     | Address                           | Emergency number   | Comment |
|--------------|--|-----------------------------------|--|---------|
| Ireland      | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Full text of H- and EUH-statements: see section 16

##### Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Causes serious eye irritation.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



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|                                |  |
|--------------------------------|--|
|                                | GHS07  |
| Signal word (CLP)              | : Warning  |
| Contains                       | : polysulfides, di-tert-dodecyl; benzenesulfonic acid, C10-16-alkyl derivs., calcium salts; benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts   |
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.   |
| Precautionary statements (CLP) | : P280 - Wear protective gloves, protective clothing, eye protection, face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.<br>P337+P313 - If eye irritation persists: Get medical advice/attention.<br>P501 - Dispose of contents and container to a collection point, in accordance with local, regional, national and/or international regulation. |

### 2.3. Other hazards

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier                       | Conc.            | Classification according to Regulation (EC) No. 1272/2008 [CLP]      |
|--|--|------------------|--|
| benzenesulfonic acid, C10-16-alkyl derivs., calcium salts      | CAS-No.: 68584-23-6<br>EC-No.: 271-529-4 | $\geq 1 - < 5$   | Skin Sens. 1B, H317  |
| benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts | CAS-No.: 70024-69-0<br>EC-No.: 274-263-7 | $\geq 1 - < 5$   | Skin Sens. 1B, H317  |
| calcium dodecylbenzenesulphonate                               | CAS-No.: 26264-06-2<br>EC-No.: 247-557-8 | $\geq 1 - < 3$   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |
| bis(nonylphenyl)amine  | CAS-No.: 36878-20-3<br>EC-No.: 253-249-4 | $\geq 1 - < 3$   | Aquatic Chronic 4, H413  |
| polysulfides, di-tert-dodecyl                                  | CAS-No.: 68425-15-0<br>EC-No.: 270-335-7 | $\geq 1 - < 2.5$ | Skin Sens. 1B, H317  |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person.   |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.  |
| First-aid measures after skin contact | : Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. |

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|                                      |  |
|--------------------------------------|--|
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion   | : Rinse mouth out with water. Do not induce vomiting. Get medical advice/attention.  |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. Redness. Itching. Swelling. Skin rash/inflammation. |
| Symptoms/effects after eye contact  | : Causes serious eye irritation. Redness. Lacrimation. Itching. Blurred vision.            |
| Symptoms/effects after ingestion    | : Ingestion may cause nausea, vomiting and diarrhea. Abdominal pain.                       |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |   |
|--------------------------------|---|
| Suitable extinguishing media   | : Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Foam. Use extinguishing agent suitable for surrounding fire. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.  |

### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Presents no particular fire or explosion hazard. Burning produces stinking and toxic fumes. Do not breathe fumes from fires or vapours from decomposition. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Metal oxides. Carbonyl halides. Sulfur oxides (SO <sub>x</sub> ). Nitrogen oxides.           |

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Evacuate the danger area. Fight fire from safe distance and protected location. Move containers from fire area if it can be done without personal risk. Use water spray or fog for cooling exposed containers. Use extinguishing media appropriate for surrounding fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.  |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | : Avoid all contact with skin, eyes, or clothing. |
|------------------|---|

#### 6.1.1. For non-emergency personnel

|                      |   |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment.   |
| Emergency procedures | : Evacuate unnecessary personnel. Ventilate spillage area. Avoid contact with skin and eyes. Do not touch or walk on the spilled product. No action shall be taken without appropriate training or involving any personal risk. |

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Avoid breathing (dust, vapor, mist, gas).   |

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

|                 |   |
|-----------------|---|
| For containment | : Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. |
|-----------------|---|

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- Methods for cleaning up : Move containers from spill area. Mechanically recover the product. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Clean using water and a detergent. Flush residue with large amounts of water. Prevent entry to sewers and public waters.
- Other information : Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable waste treatment techniques. Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Ensure good ventilation of the work station. Provide local exhaust or general room ventilation. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Do not re-use container for any purpose.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

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

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials, Direct sunlight. Store in a dry place. Keep away from food, drink and animal feedingstuffs. Keep container tightly closed. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store in accordance with local, regional, national or international regulation. Do not store in unlabelled containers.
- Incompatible products : Strong oxidizing agents.

### 7.3. Specific end use(s)

Grease. multi uses. Professional uses.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

| Monitoring methods |  |
|--------------------|--|
| Monitoring methods | Refer to all applicable national, international and local regulations or provisions. Workplace atmospheres. Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy. Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents. |

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

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### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Provide local exhaust or general room ventilation. Handle in accordance with good industrial hygiene and safety procedures. Avoid all unnecessary exposure. Ensure exposure is below occupational exposure limits (where available).

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

##### 8.2.2.1. Eye and face protection

###### Eye protection:

Chemical goggles or safety glasses. ISO 16321-1

##### 8.2.2.2. Skin protection

###### Skin and body protection:

Wear suitable protective clothing. Skin protection appropriate to the conditions of use should be provided

###### Hand protection:

Chemical resistant gloves (according to European standard ISO 374-1 or equivalent). Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

##### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Environmental exposure controls:

Technical onsite conditions and measures to reduce or limit discharges, air emissions and releases to soil. Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|   |   |
|---|---|
| Physical state                                  | : Solid                                 |
| Colour  | : Tan.                                  |
| Appearance                                      | : Paste. Grease.                        |
| Odour   | : Mild odor. petroleum.                 |
| Odour threshold                                 | : No data available                     |
| Melting point                                   | : > 300 °C                              |
| Freezing point                                  | : > -40 °C                              |
| Boiling point                                   | : No data available                     |
| Flammability                                    | : No data available                     |
| Lower explosion limit                           | : Not applicable                        |
| Upper explosion limit                           | : Not applicable                        |
| Flash point                                     | : Not applicable                        |
| Auto-ignition temperature                       | : Not applicable                        |
| Decomposition temperature                       | : No data available                     |
| pH  | : Not applicable                        |
| pH solution                                     | : Not applicable                        |
| Viscosity, kinematic                            | : Not applicable                        |
| Solubility                                      | : Water : Negligible.                   |
| Partition coefficient n-octanol/water (Log Kow) | : No data available                     |
| Vapour pressure                                 | : 0 kPa (20 °C)                         |
| Vapour pressure at 50°C                         | : No data available                     |
| Density   | : 0.95 – 1.05 g/cm <sup>3</sup> (25 °C) |

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Relative density : No data available  
Relative vapour density at 20°C : No data available  
Particle size : No data available

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

Additional information : Viscosity, apparent: 200 P (0 °C, 200 s<sup>-1</sup>, Poise, D1092)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Hazardous polymerisation: Will not occur. No dangerous reactions known.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### polysulfides, di-tert-dodecyl (68425-15-0)

|                 |              |
|-----------------|--------------|
| LD50 oral rat   | > 2500 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

#### calcium dodecylbenzenesulphonate (26264-06-2)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | 1300 mg/kg   |
| LD50 dermal rabbit | > 4199 mg/kg |

#### bis(nonylphenyl)amine (36878-20-3)

|               |                     |
|---------------|---------------------|
| LD50 oral rat | > 5000 mg/kg        |
| LD50 oral     | > 16000 mg/kg (rat) |

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

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|                        |   |
|------------------------|---|
| Carcinogenicity        | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity  | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure   | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
| Aspiration hazard      | : Not classified (Based on available data, the classification criteria are not met) |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

|  |  |
|--|--|
| Adverse health effects caused by endocrine disrupting properties | : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 % |
|--|--|

#### 11.2.2. Other information

|                   |   |
|-------------------|---|
| Other information | : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation |
|-------------------|---|

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met)  |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified (Based on available data, the classification criteria are not met)  |
| Additional information                                    | : No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation. |

| <b>polysulfides, di-tert-dodecyl (68425-15-0)</b>    |  |
|--|--|
| NOEC chronic fish                                    | > 0.00084 mg/l (32 d, Pimephales promelas)         |
| NOEC chronic crustacea                               | > 0.00079 mg/l (21 d, Daphnia magna)               |
| NOEC chronic algae                                   | > 100 mg/l (72 d, Pseudokirchneriella subcapitata) |
| <b>calcium dodecylbenzenesulphonate (26264-06-2)</b> |  |
| LC50 - Fish [1]                                      | 22 mg/l (96 h, Pimephales promelas, OECD 203)      |
| EC50 - Crustacea [1]                                 | 2.5 mg/l (48 h, Daphnia magna, OECD 202)           |
| <b>bis(nonylphenyl)amine (36878-20-3)</b>            |  |
| LC50 - Fish [1]                                      | > 1000 mg/l (96 h, Cyprinodon variegatus)          |
| LC50 - Fish [2]                                      | > 1000 mg/l (96 h, Pimephales promelas)            |
| EC50 - Crustacea [1]                                 | 14 – 28 mg/l (96 h, Crangon crangon)               |
| EC50 - Crustacea [2]                                 | 18.9 – 39.2 (96 h, Crangon crangon)                |

### 12.2. Persistence and degradability

| <b>Aeriol ThixOSYN</b>                            |   |
|---|---|
| Persistence and degradability                     | Biodegradability in water: no data available. |
| <b>polysulfides, di-tert-dodecyl (68425-15-0)</b> |   |
| Persistence and degradability                     | Not readily biodegradable.                    |
| Biodegradation                                    | 0 % (28 d)                                    |

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### calcium dodecylbenzenesulphonate (26264-06-2)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
| Biodegradation                | 73 % (28 d)            |

### 12.3. Bioaccumulative potential

#### Aeriol ThixOSYN

|                           |   |
|---------------------------|---|
| Bioaccumulative potential | No data available concerning bioaccumulation. |
|---------------------------|---|

### polysulfides, di-tert-dodecyl (68425-15-0)

|   |                     |
|---|---------------------|
| Partition coefficient n-octanol/water (Log Pow) | > 6.2 (pH=7, 72 °C) |
|---|---------------------|

### calcium dodecylbenzenesulphonate (26264-06-2)

|   |                                 |
|---|---------------------------------|
| BCF - Fish [1]                                  | 104 (21 d, Lepomis macrochirus) |
| Partition coefficient n-octanol/water (Log Pow) | 4.77 (25 °C)                    |

### 12.4. Mobility in soil

#### Aeriol ThixOSYN

|                |                                      |
|----------------|--------------------------------------|
| Ecology - soil | No additional information available. |
|----------------|--------------------------------------|

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1 %.

### 12.7. Other adverse effects

Other adverse effects : No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Disposal must be carried out using appropriate EWC code.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecological information : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                  | IMDG          | IATA          | ADN           | RID           |
|--------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>  |               |               |               |               |
| Not regulated for transport          |               |               |               |               |
| <b>14.2. UN proper shipping name</b> |               |               |               |               |
| Not regulated                        | Not regulated | Not regulated | Not regulated | Not regulated |



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| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |               |

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

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

##### POP Regulation (Persistent Organic Pollutants)

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

##### Ozone Regulation (1005/2009)

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

##### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE                         | Acute Toxicity Estimate   |
| BLV                         | Biological limit value  |
| CAS-No.                     | Chemical Abstract Service number  |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC50                        | Median effective concentration  |
| EC-No.                      | European Community number   |
| EN                          | European Standard   |
| IATA                        | International Air Transport Association   |
| IMDG                        | International Maritime Dangerous Goods  |
| LC50                        | Median lethal concentration   |
| LD50                        | Median lethal dose  |
| LOAEL                       | Lowest Observed Adverse Effect Level  |
| NOAEC                       | No-Observed Adverse Effect Concentration  |
| NOAEL                       | No-Observed Adverse Effect Level  |
| NOEC                        | No-Observed Effect Concentration  |
| OEL                         | Occupational Exposure Limit   |
| PBT                         | Persistent Bioaccumulative Toxic  |
| PNEC                        | Predicted No-Effect Concentration   |
| REACH                       | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS                         | Safety Data Sheet   |
| vPvB                        | Very Persistent and Very Bioaccumulative  |
| WGK                         | Water Hazard Class  |

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and all its amendments and modifications.

Training advice : Training staff on good practice.

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### Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 4   | Hazardous to the aquatic environment – Chronic Hazard, Category 4 |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                     |
| H302                | Harmful if swallowed.   |
| H315                | Causes skin irritation.   |
| H317                | May cause an allergic skin reaction.                              |
| H318                | Causes serious eye damage.  |
| H319                | Causes serious eye irritation.                                    |
| H413                | May cause long lasting harmful effects to aquatic life.           |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1B       | Skin sensitisation, category 1B                                   |

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|              |      |                    |
|--------------|------|--------------------|
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.