

# Safety Data Sheet

## ISELUX® Ultra Mild

### 1. Product and company identification

|  |   |
|--|---|
| <b>Product name</b>                                      | : ISELUX® Ultra Mild  |
| <b>Material uses</b>                                     | : Industrial applications: Cosmetics.   |
| <b>Internal code</b>                                     | : AC-000136   |
| <b>System code</b>                                       | : AC-000136   |
| <b>Supplier</b>  | : Innospec Active Chemicals LLC<br>doing business as Innospec Performance Chemicals<br>500 Hinkle Lane<br>Salisbury, NC 28144<br>United States of America |
| <b>Information contact</b>                               | : 1-888-633-8028  |
| <b>Emergency phone:</b>                                  | : 1-704-633-8028  |
| <b>e-mail address of person responsible for this SDS</b> | : sdsinfo@innospecinc.com   |

### Section 2. Hazards identification

|   |   |
|---|---|
| <b>OSHA/HCS status</b>                            | : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).   |
| <b>Classification of the substance or mixture</b> | : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B  |
| <b>GHS label elements</b>                         |   |
| <b>Signal word</b>                                | : Warning   |
| <b>Hazard statements</b>                          | : H320 - Causes eye irritation.   |
| <b>Precautionary statements</b>                   |   |
| <b>Prevention</b>                                 | : P280 - Wear eye or face protection.<br>P264 - Wash hands thoroughly after handling.   |
| <b>Response</b>                                   | : 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>P337 + P313 - If eye irritation persists: Get medical attention. |
| <b>Storage</b>                                    | : Not applicable.   |
| <b>Disposal</b>                                   | : Not applicable.   |
| <b>Hazards not otherwise classified</b>           | : None known.   |
| <b>Target organs</b>                              | : Contains material which may cause damage to the following organs: skin, eyes, central nervous system (CNS), stomach.  |

See toxicological information (Section 11)

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## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name  | %            | CAS number  |
|--|--------------|-------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                              | 9.99 - 14.99 | 928663-45-0 |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | 9.99 - 14.99 | 61789-40-0  |
| sodium 2-[methyloleoylamino]ethane-1-sulphonate  | 4.99 - 9.99  | 137-20-2    |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | 4.99 - 9.99  | 110615-47-9 |
| d-glucopyranose, oligomeric, decyl octyl glycosides  | 0.99 - 4.99  | 68515-73-1  |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes eye irritation.
- Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin contact** : No known significant effects or critical hazards.

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## Section 4. First aid measures

**Ingestion** : May be irritating to mouth, throat and stomach.

### Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:  
irritation  
watering  
redness

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
halogenated compounds  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Flash point** : Closed cup: >93.3°C (>199.9°F)

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

## Section 6. Accidental release measures

- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods and materials for containment and cleaning up**
- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## Section 8. Exposure controls/personal protection

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or supplied-air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid. [Aqueous media.]
- Color** : Colorless.
- Odor** : Odorless.
- Odor threshold** : Not available.
- pH** : 6 to 6.5
- Melting point** : Not available.
- Boiling point** : Lowest known value: 100°C (212°F) (water).
- Flash point** : Closed cup: >93.3°C (>199.9°F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water).
- Vapor density** : Not available.
- Specific gravity** : Not available.

## Section 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Solubility</b>                             | : Easily soluble in the following materials: hot water, methanol.<br>Soluble in the following materials: cold water. |
| <b>Partition coefficient: n-octanol/water</b> | : Not available.   |
| <b>Auto-ignition temperature</b>              | : Not available.   |
| <b>Decomposition temperature</b>              | : Not available.   |
| <b>Viscosity</b>                              | : Kinematic (40°C (104°F)): 40 to 70 cm <sup>2</sup> /s (4000 to 7000 cSt)   |

## Section 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| <b>Chemical stability</b>                 | : The product is stable.   |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>Conditions to avoid</b>                | : No specific data.  |
| <b>Incompatible materials</b>             | : No specific data.  |
| <b>Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name  | Test  | Species            | Result      | Dose   |
|--|---|--------------------|-------------|--|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                              | OECD 410 Repeated Dose Dermal Toxicity: 21/28-day Study | Rat - Male, Female | LD50 Dermal | >2000 mg/ - kg (similar material)                  |
|  | OECD 401 Acute Oral Toxicity                            | Rat - Male         | LD50 Oral   | 8400 mg/ - kg (similar material)                   |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | -   | Rabbit             | LD50 Dermal | >2000 mg/ - kg similar material                    |
|  | -   | Rat                | LD50 Oral   | >2000 mg/ - kg                                     |
| sodium 2-[methyleoleylamino]ethane-1-sulphonate  | -   | Rat                | LD50 Oral   | 1700 mg/kg -                                       |
|  | -   | Rat                | LD50 Dermal | >5000 mg/ - kg                                     |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | -   | Rat                | LD50 Oral   | >5000 mg/ - kg                                     |
|  | -   | Rabbit             | LD50 Dermal | >5000 mg/ - kg (read across from similar material) |
| d-glucopyranose, oligomeric, decyl octyl glycosides  | -   | Rat                | LD50 Oral   | >2000 mg/ - kg                                     |
|  | OECD 423 Acute Oral toxicity - Acute Toxic Class Method | Rat                | LD50 Oral   | >2000 mg/ - kg                                     |

#### Potential chronic health effects

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## Section 11. Toxicological information

| Product/ingredient name                                       | Test   | Species            | Result                 | Dose                           |
|---|--|--------------------|------------------------|--------------------------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1) | OECD 408 Repeated Dose 90-Day Oral Toxicity Study in Rodents | Rat - Male, Female | Sub-chronic NOAEL Oral | 464 mg/kg (similar material)   |
|   | OECD 407 Repeated Dose 28-day Oral Toxicity Study in Rodents | Rat - Male, Female | Sub-chronic NOAEL Oral | >1000 mg/kg (similar material) |
|   | OECD 410 Repeated Dose Dermal Toxicity: 21/28-day Study      | Rat                | Sub-acute NOAEL Dermal | 2.07 g/kg (similar material)   |

### Irritation/Corrosion

| Product/ingredient name  | Test  | Species | Result                             |
|--|---|---------|------------------------------------|
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts<br><br>sodium 2-[methyloleoylamino] ethane-1-sulphonate<br>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides<br>ISELUX® Ultra Mild | -   | Rabbit  | Eyes - Edema of the conjunctivae 3 |
|  | -   | Rabbit  | Eyes - Severe irritant -           |
|  | -   | Rabbit  | Eyes - Severe irritant -           |
|  | OECD 404 Acute Dermal Irritation/Corrosion    | Rabbit  | Skin - Irritant -                  |
|  | MatTek EpiOcular In Vitro Eye Irritation Test | Human   | Eyes - Mild irritant -             |
|  | Human Ocular Irritation                       | Human   | Eyes - Mild irritant -             |

### Sensitization

| Product/ingredient name                              | Test                        | Species    | Result            |
|--|-----------------------------|------------|-------------------|
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | OECD 406 Skin Sensitization | Guinea pig | Not sensitizing - |

### Mutagenicity

| Product/ingredient name  | Test   | Experiment  | Result   |
|--|--|---|----------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                              | OECD 471 Bacterial Reverse Mutation Test                       | Experiment: In vitro<br>Subject: Bacteria<br>Metabolic activation: With and Without         | Negative |
|  | OECD 473 <i>In vitro</i> Mammalian Chromosomal Aberration Test | Experiment: In vitro<br>Subject: Mammalian-Animal<br>Metabolic activation: with and without | Negative |
|  | OECD 476 <i>In vitro</i> Mammalian Cell Gene Mutation Test     | Experiment: In vitro<br>Subject: Mammalian-Animal<br>Metabolic activation: with and without | Negative |
|  | OECD 487 <i>In vitro</i> Micronucleus Test                     | Experiment: In vitro<br>Subject: Mammalian-Human<br>Metabolic activation: with and without  | Negative |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | OECD 471 Bacterial Reverse Mutation Test                       | Experiment: In vitro<br>Subject: Bacteria<br>Metabolic activation: With and Without         | Negative |
|  | OECD 471 Bacterial Reverse Mutation Test                       | Experiment: In vivo<br>Subject: Mammalian-Animal  | Negative |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | OECD 471 Bacterial Reverse Mutation Test                       | Experiment: In vitro<br>Subject: Bacteria   | Negative |



## Section 11. Toxicological information

### Carcinogenicity

Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

### Reproductive toxicity

| Product/ingredient name   | Test   | Species            | Result | Dose                                |
|---|--|--------------------|--------|-------------------------------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)<br>1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | OECD 421 Reproduction/ Developmental Toxicity Screening Test | Rat - Male, Female | NOAEL  | Oral: 1000 mg/kg (similar material) |
|   | OECD 414 Prenatal Developmental Toxicity Study               | Rat                | -      | Oral: 1000 mg/kg<br>NOAEL           |

### Teratogenicity

| Product/ingredient name   | Test   | Species | Result | Dose                          |
|---|--|---------|--------|-------------------------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)<br>1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | OECD 414 Prenatal Developmental Toxicity Study | Rat     | NOAEL  | 1000 mg/kg (similar material) |
|   | OECD 414 Prenatal Developmental Toxicity Study | Rat     | -      | 100 mg/kg<br>NOAEL            |

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Not available.

## Section 12. Ecological information

### Toxicity

| Product/ingredient name   | Result                                   | Species                          | Exposure |
|---|--|----------------------------------|----------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)<br><br>1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | Acute EC50 46.3 mg/l                     | Algae                            | 72 hours |
|   | Acute EC50 14.08 mg/l                    | Daphnia                          | 48 hours |
|   | Acute EC50 >1000 mg/l (similar material) | Micro-organism                   | 3 days   |
|   | Acute IC50 >1000 mg/l (similar material) | Algae                            | 96 hours |
|   | Acute LC50 29.3 mg/l (similar material)  | Fish                             | 96 hours |
|   | Acute EC50 2.4 mg/l (similar material)   | Algae                            | 72 hours |
| sodium 2-[methyloleoylamino] ethane-1-sulphonate  | Acute EC50 1.9 mg/l                      | Daphnia                          | 48 hours |
|   | Acute LC50 1.11 mg/l                     | Fish                             | 96 hours |
|   | Chronic NOEC 0.3 mg/l                    | Daphnia                          | 21 days  |
|   | Chronic NOEC 0.135 mg/l                  | Fish                             | 14 days  |
|   | Acute LC50 12.8 mg/l Marine water        | Crustaceans - Americamysis bahia | 48 hours |



## Section 12. Ecological information

### Persistence and degradability

| Product/ingredient name  | Test  | Result                     |
|--|---|----------------------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                              | OECD 303A Simulation Test - Aerobic Sewage Treatment - Activated Sludge Units | 99.77 % - 1 days           |
|  | OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test             | 90.4 % - Readily - 28 days |
|  | OECD 301B Ready Biodegradability - CO <sub>2</sub> Evolution Test             | 83.9 % - Readily - 28 days |
|  | -   | 95 % - Readily - 28 days   |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | OECD 301E Ready Biodegradability - Modified OECD Screening Test               | 100 % - Readily - 28 days  |
|  | OECD 301D Ready Biodegradability - Closed Bottle Test                         | 88 % - Readily - 28 days   |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | OECD 301F Ready Biodegradability - Manometric Respirometry Test               | >60 % - Readily - 28 days  |
|  |   |                            |
| d-glucopyranose, oligomeric, decyl octyl glycosides  |   |                            |
|  |   |                            |

| Product/ingredient name  | Aquatic half-life | Photolysis | Biodegradability |
|--|-------------------|------------|------------------|
| Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                              | -                 | -          | Readily          |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | -                 | -          | Readily          |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | -                 | -          | Readily          |
| d-glucopyranose, oligomeric, decyl octyl glycosides  | -                 | -          | Readily          |

### Bioaccumulative potential

| Product/ingredient name  | LogP <sub>ow</sub> | BCF | Potential |
|--|--------------------|-----|-----------|
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | -                  | 71  | low       |

## Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                            | DOT Classification | IMDG           | IATA           |
|----------------------------|--------------------|----------------|----------------|
| UN number                  | Not regulated.     | Not regulated. | Not regulated. |
| UN proper shipping name    | -                  | -              | -              |
| Transport hazard class(es) | -                  | -              | -              |
| Packing group              | -                  | -              | -              |
| Environmental hazards      | No.                | No.            | No.            |
| Additional information     | -                  | -              | -              |

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

**U.S. Federal regulations** : **United States inventory (TSCA 8b):** All components are listed or exempted.

### SARA 302/304

#### Composition/information on ingredients

No products were found.

### SARA 311/312

**Classification** : Immediate (acute) health hazard

#### Composition/information on ingredients

| Name   | %            | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|--|--------------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| ▶ Dodecanoic acid, methyl-2-sulfoethyl ester, sodium salt (1:1)                            | 9.99 - 14.99 | No.         | No.                        | No.      | Yes.                            | No.                             |
| 1-propanaminium, 3-amino-n-(carboxymethyl)-n,n-dimethyl-, n-coco acyl derivs., inner salts | 9.99 - 14.99 | No.         | No.                        | No.      | Yes.                            | No.                             |
| sodium 2-[methyloleoylamino]ethane-1-sulphonate  | 4.99 - 9.99  | No.         | No.                        | No.      | Yes.                            | No.                             |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides                                       | 4.99 - 9.99  | No.         | No.                        | No.      | Yes.                            | No.                             |
| d-glucopyranose, oligomeric, decyl octyl glycosides  | 0.99 - 4.99  | No.         | No.                        | No.      | Yes.                            | No.                             |

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## Section 15. Regulatory information

### State regulations

- Massachusetts** : None of the components are listed.
- New York** : None of the components are listed.
- New Jersey** : None of the components are listed.
- Pennsylvania** : None of the components are listed.
- California Prop. 65** : CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product is not known to the State of California to cause cancer, birth defects or other reproductive harm.

### International lists

#### National inventory

- Australia inventory (AICS)** : All components are listed or exempted.
- Canada inventory** : All components are listed or exempted.
- China inventory (IECSC)** : All components are listed or exempted.
- Europe inventory** : At least one component is not listed in EINECS but all such components are listed in ELINCS.  
Please contact your supplier for information on the inventory status of this material.
- Japan inventory (ENCS)** : All components are listed or exempted.
- New Zealand Inventory of Chemicals (NZIoC)** : All components are listed or exempted.
- Philippines inventory (PICCS)** : All components are listed or exempted.
- Korea inventory (KECI)** : All components are listed or exempted.
- Taiwan inventory (TCSI)** : All components are listed or exempted.
- United States inventory (TSCA 8b)** : All components are listed or exempted.

Our REACH (pre-) registrations DO NOT cover the following:

1. The manufacture of these products by our company outside the EU unless covered by the Only Representative provisions, and
  2. The importation of these products into Europe by other companies. Re-importation by other companies is not covered by our (pre-) registrations
- Customers and other third parties importing and/or re-importing our products into Europe will need either:

- Their own (pre-) registration for substances contained in the imported product, or constituent monomers (imported above 1 tonne per year and >2% by weight) in the case of imported polymers, or
- In the case of importation only, to make use of the "Only Representative" provisions, if available.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

|                  |   |   |
|------------------|---|---|
| Health           | * | 2 |
| Flammability     |   | 1 |
| Physical hazards |   | 0 |
|                  |   |   |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)

## Section 16. Other information



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### Classification according to Directive 67/548/EEC [DSD] or Classification according to Directive 1999/45/EC [DPD]

**Risk phrases** : R36- Irritating to eyes.

**Safety phrases** : Not applicable.

#### History

**Date of printing** : 2016-06-27

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**Version** : 1.03

#### Key to abbreviations

: ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 UN = United Nations

▣ Indicates information that has changed from previously issued version.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.