

# SAFETY DATA SHEET

according to WHS and ADG requirements

### Ascend

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#### **Revision** 1 **Revision date** 2020-01-24

| SECTION 1: Identification of        | the substance/mixture and of the company/undertaking   |
|-------------------------------------|--|
| 1.1. Product identifier             |  |
| Product name                        | Ascend   |
| Product code                        | 603122, 303122   |
| 1.2. Relevant identified uses of t  | the substance or mixture and uses advised against  |
| Product Use                         | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35] Washing and cleaning products (including solvent based products);             |
| Description                         | General purpose cleaner and hand wash.   |
| 1.3. Details of the supplier of the | e safety data sheet  |
| Company                             | Neogen Corporation   |
| Address                             | 620 Lesher Place<br>Lansing MI 48912<br>USA  |
| Web                                 | www.neogen.com   |
| Telephone                           | 517-372-9200/800-234-5333  |
| Email                               | SDS@neogen.com   |
| 1.4. Emergency telephone numl       | ber  |
|                                     | 24 hours:<br>Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)<br>Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international) |
| Further information                 |  |
|                                     | Manufactured By:.<br>Preserve International<br>944 Nandino Blvd.<br>Lexington, KY 40511-1205 U.S.A.  |
|                                     | Preserve International is a wholly-owned subsidiary of Neogen Corporation.   |
| SECTION 2: Hazards identif          | ication  |
| 2.1. Classification of the substar  | nce or mixture   |
| 2.1.2. Classification - GHS         | Skin Corr. 1B: H314; Aquatic Chronic 3: H412;  |
| 2.2. Label elements                 |  |
|                                     |  |



| Hazard pictograms        |   |
|--------------------------|---|
| Signal Word              | Danger  |
| Hazard Statement         | Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  |
|                          | Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  |
| Precautionary Statement: | P260 - Do not breathe dust/fume/gas/mist/vapours/spray.   |
| Prevention               | P264 - Wash thoroughly after handling.  |
| F                        | P273 - Avoid release to the environment.  |
| L F                      | P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
| Precautionary Statement: | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.   |
| -                        | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                            |
| F                        | P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  |
|                          | P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact  |
|                          | lenses, if present and easy to do. Continue rinsing.  |
|                          | P310 -Immediately call a POISON CENTER/doctor/ .  |
|                          | P363 - Wash contaminated clothing before reuse.   |
| -                        | P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations |
| 2.3. Other hazards       |   |

Other hazards May be harmful if swallowed.

### SECTION 3: Composition/information on ingredients

3.2. Mixtures

### EC 1272/2008

| Chemical Name                | Index No.    | CAS No.    | EC No.    | REACH Registration<br>Number | Conc.<br>(%w/w) | Classification  |
|------------------------------|--------------|------------|-----------|------------------------------|-----------------|---|
| Dodecylbenzenesulphonic acid |              | 27176-87-0 | 248-289-4 |                              | 1 - 10%         | Acute Tox. 4: H302; Skin<br>Corr. 1B: H314;   |
| Sodium hydroxide             | 011-002-00-6 | 1310-73-2  | 215-185-5 |                              | 1 - 10%         | Skin Corr. 1A: H314;  |
| Lauryl dimethyl amine oxide  |              | 1643-20-5  | 216-700-6 |                              | 1 - 10%         | Acute Tox. 4: H302; Skin Irrit.<br>2: H315; Eye Dam. 1: H318;<br>Aquatic Acute 1: H400;<br>Aquatic Chronic 2: H411;                             |
| Cocamidopropyl betaine       |              | 61789-40-0 | 263-058-8 |                              | 1 - 10%         | Eye Dam. 1: H318; Aquatic<br>Acute 2: H401; Aquatic<br>Chronic 3: H412;   |
| Fragrance, Universal         |              |            |           |                              | 0 - 0.5%        | Flam. Liq. 4: H227; Asp. Tox.<br>1: H304; Skin Irrit. 2: H315;<br>Skin Sens. 1: H317; Eye Irrit.<br>2: H319; Carc. 2: H351;<br>STOT SE 2: H371; |

### Description

|                     | Concentrations listed are not product specifications.                            |
|---------------------|--|
| Further information |  |
|                     | Full text of Hazard Statements listed in this Section is provided in Section 16. |



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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

| Inhalation   | Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.   |
|--------------|--|
| Eye contact  | Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.  |
| Skin contact | Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required. |
| Ingestion    | Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.  |

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

| Inhalation   | Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache. |
|--------------|---|
| Eye contact  | Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea.<br>Danger of very serious irreversible effects.   |
| Skin contact | Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.   |
| Ingestion    | Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects.<br>Ingestion may cause nausea and vomiting.                                       |

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

| Remove the affected person from the source of contamination immediately. Transfer to hospital if |
|--|
| there are burns or symptoms of poisoning. Immediate medical attention is required. If medical    |
| advice is needed, have product container or label at hand.                                       |
|  |

### SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

Corrosive. Do not breathe vapour or spray mist. Contains substance(s) which are hazardous to the environment. Do not allow runoff water to enter sewers or drains.

#### 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Do not breathe vapour or spray mist. Wear: Self-contained breathing apparatus, Protective equipment.

### SECTION 6: Accidental release measures

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

| In the case of cleanup following a spill, wear protective clothing and appropriate equipment to    |
|--|
| prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate          |
| ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. |
| Avoid prolonged or repeated exposure. Keep away from incompatible materials.                       |

#### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.



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| 6.3. Methods and material for co        | ontainment and cleaning up   |   |  |
|---|--|---|--|
|   | Absorb with inert, absorbent material. Clean spillage area the<br>of this material and its container to hazardous or special was<br>water by cleaning of equipment or disposal of wastes.  |   |  |
| 6.4. Reference to other sections        | 3  |   |  |
|   | See Section(s) 2, 8, and 13 for further information.   |   |  |
| SECTION 7: Handling and s               | torage   |   |  |
| 7.1. Precautions for safe handlin       | •  |   |  |
|   | Adopt best Manual Handling considerations when handling,<br>open container with care. Do not breathe vapour or spray mi<br>working area. In case of insufficient ventilation, wear suitable<br>damage and skin damage. Wear chemical protective clothing<br>rubber gloves when handling this product. Wash the outside<br>Wash hands thoroughly with soap and water after handling a<br>gum, using tobacco, or using the toilet. Contaminated work of<br>the workplace. Do not contaminate water by cleaning of equi<br>eat, drink or smoke in areas where this product is used or sto<br>Read the entire label and follow all use directions, restriction | st. Ensure adequate ventilation of the<br>e respiratory equipment. Causes eye<br>g. Wear goggles or face shield and<br>of gloves before removing them.<br>and before eating, drinking, chewing<br>clothing should not be allowed out of<br>pment or disposal of wastes. Do not<br>pred. |  |
| 7.2. Conditions for safe storage,       | , including any incompatibilities  |   |  |
|   | Store in original container in a cool, dry place inaccessible to children and pets. Keep container tightly closed. Do not contaminate water, food, or feed by storage or disposal. Keep containers closed and away from other chemicals. Do not store with incompatible substances or mixtures. Follow label instructions.   |   |  |
| 7.3. Specific end use(s)                |  |   |  |
|   | See Section(s) 1.2 for further information.  |   |  |
| Further information                     |  |   |  |
|   | Refer to product label and/or package insert for additional int  | formation.  |  |
| SECTION 8: Exposure contr               | rols/personal protection   |   |  |
| 8.1. Control parameters                 |  |   |  |
|   |  |   |  |
| 8.1.1. Exposure Limit Values            |  |   |  |
| Sodium hydroxide                        | TWA ppm: -<br>STEL ppm: -<br>Advisory Carc Cat: -  | TWA mg/m3: 2 Peak limitation<br>STEL mg/m3: -   |  |
| 8.2. Exposure controls                  |  |   |  |
| 8.2.1. Appropriate engineering controls | exposure limit (OEL) may cause adverse health effects.   |   |  |
| 8.2.2. Individual protection            | Wear chemical protective clothing. Do not breathe dust or vapour.  |   |  |

Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands

thoroughly with soap and water after handling and before eating, drinking, chewing gum, using

After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective

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measures

Eye / face protection Skin protection -

Skin protection - Other

Handprotection



Wear: Chemical safety goggles, Face shield.

tobacco, or using the toilet.

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| 8.2. Exposure controls            |  |
|-----------------------------------|--|
|                                   | clothing, gloves and eye/face protection.  |
| Respiratory protection            | In case of insufficient ventilation, wear suitable respiratory equipment.  |
| Occupational exposure<br>controls | Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station. Protect clothing from contact with the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs. |
| Further information               |  |

Refer to product label for additional PPE requirements and recommendations. Follow label instructions.

### **SECTION 9: Physical and chemical properties**

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

| Appearance                | Viscous liquid.   |
|---------------------------|-------------------|
| Colour                    | Blue              |
| Odour                     | Aromatic          |
| Odour threshold           | No data available |
| pH                        | 6.5 - 9.5         |
| Melting point             | No data available |
| Freezing Point            | No data available |
| Initial boiling point     | No data available |
| Flash point               | No data available |
| Evaporation rate          | No data available |
| Flammability (solid, gas) | Not applicable.   |
| Vapour pressure           | No data available |
| Vapour density            | No data available |
| Relative density          | 1.02 - 1.06       |
| Partition coefficient     | No data available |
| Autoignition temperature  | No data available |
| Viscosity                 | No data available |
| Explosive properties      | Not applicable.   |
| Oxidising properties      | No data available |
| Solubility                | Soluble in water  |

### 9.2. Other information

| Gas group                                | Not applicable.                      |  |  |
|--|--------------------------------------|--|--|
| VOC (Volatile organic                    |                                      |  |  |
| compounds)                               |                                      |  |  |
| SECTION 10: Stability and re             | SECTION 10: Stability and reactivity |  |  |
| 10.1. Reactivity                         |                                      |  |  |
|  | Stable under normal conditions.      |  |  |
| 10.2. Chemical stability                 |                                      |  |  |
|  | Stable under normal conditions.      |  |  |
| 10.3. Possibility of hazardous reactions |                                      |  |  |
|  |                                      |  |  |

Under the specified conditions, hazardous reactions that lead to excessive temperatures or



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| 10.3. Possibility of hazardous reactions |  |
|--|--|
|  | pressure are not expected.   |
| 10.4. Conditions to avoid                |  |
|  | Keep away from extreme temperatures.   |
| 10.5. Incompatible materials             |  |
|  | No data available.   |
| 10.6. Hazardous decomposition            | products   |
|  | Carbon oxides.   |
| SECTION 11: Toxicological i              | nformation   |
| 11.1. Information on toxicologica        | I effects  |
| Acute toxicity                           | Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.   |
| Skin corrosion/irritation                | Corrosive to living tissue. Causes burns. Possible risk of irreversible effects.   |
| Serious eye damage/irritation            | Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of irreversible effects.  |
| Respiratory or skin sensitisation        | May cause allergic reactions in susceptible people.  |
| Germ cell mutagenicity                   | No mutagenic effects reported.   |
| Carcinogenicity                          | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC)<br>Monographs, Volumes 1-123.<br>Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens.<br>Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to<br>Occupational Exposure Values.<br>Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity                    | No teratogenic effects reported.   |
| STOT-single exposure                     | May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation.  |
| STOT-repeated exposure                   | Components(s) may cause damage to human organs based on animal data.   |
| Aspiration hazard                        | No Significant Hazard.   |
| Repeated or prolonged<br>exposure        | Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.  |
| 11.1.2. Mixtures                         |  |
|  | See Section(s) 3 for further information.  |
| 11.1.3. Hazard Information               |  |
|  | See Section(s) 2 and 3 for further information.  |
| 11.1.4. Toxicological Information        |  |
|  | No data available  |
| 11.1.5. Hazard Class                     |  |
|  | See Section(s) 2 and 4 for further information.  |
| 11.1.6. Classification Criteria          |  |
|  | Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.  |



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| 11.1.7. Information on likely routes of exposure |  |
|--|--|
|  | Skin contact. Eye contact. Ingestion. Inhalation.  |
| 11.1.8. Symptoms related to the                  | physical, chemical and toxicological characteristics   |
|  | See Section(s) 4.2 for further information.  |
| 11.1.9. Delayed and immediate                    | effects as well as chronic effects from short and long-term exposure   |
|  | See Section(s) 4.2 for further information.  |
| 11.1.10. Interactive effects                     |  |
|  | No data available.   |
| 11.1.11. Absence of specific dat                 | a  |
|  | <1% of this mixture consists of ingredients of unknown acute toxicity.   |
| 11.1.12. Mixture versus substan                  | ce information   |
|  | See Section(s) 3 for further information.  |
| 11.1.13. Other information                       |  |
|  | Caution - substance not yet fully tested.  |
| SECTION 12: Ecological info                      | ormation   |
| 12.1. Toxicity                                   |  |
|  | No data available  |
| 12.2. Persistence and degradab                   | ·<br>ility   |
|  | No data is available on this product.  |
| 12.3. Bioaccumulative potential                  |  |
|  |  |
|  | No data is available on this product.  |
| Partition coefficient                            |  |
|  | Ascend No data available   |
|  |  |
| 12.4. Mobility in soil                           |  |
|  | No data is available on this product.  |
| 12.5. Results of PBT and vPvB a                  |  |
| 40.0.00  | No data is available on this product.  |
| 12.6. Other adverse effects                      |  |
|  | Caution - substance not yet fully tested.  |
| SECTION 13: Disposal cons                        | iderations   |
| 13.1. Waste treatment methods                    |  |
|  | Dispose of contents/container to an approved hazardous/special waste disposal facility in  |
|  | accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions. |
| Disposal methods                                 |  |
|  | Dispose of contents/container to an approved hazardous/special waste disposal facility in  |
|  | accordance with local and national regulations. Do not contaminate water by cleaning of  |
|  | equipment or disposal of wastes. Do not empty into drains; dispose of this material and its  |



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| Disposal methods                             |   |
|  | container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil.   |
| Disposal of packaging                        |   |
|  | <ul> <li>Nonrefillable container. Do not reuse or refill this container.</li> <li>If empty: Do not reuse this container. Place in trash or offer for recycling, if available.</li> <li>If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and national regulations.</li> </ul> |
| Further information                          |   |
|  | Refer to product label and/or package insert for additional information.  |
| SECTION 14: Transport in                     | formation   |
| Hazard pictograms                            |   |
|  |   |
| 14.1. UN number                              |   |
|  | UN1760  |
| 14.2. UN proper shipping nam                 | ne  |
|  | CORROSIVE LIQUID, N.O.S. (Dodecyl benzenesulfonic acid, Sodium hydroxide)   |
| 14.3. Transport hazard class(                | es)   |
| ADG  | 8   |
| Subsidiary risk                              | -   |
| IMDG / GGVSee                                | 8   |
| Subsidiary risk                              |   |
| IATA / ICAO / DGR                            | 8   |
| Subsidiary risk<br>14.4. Packing group       | -   |
|  |   |
| Packing group<br>14.5. Environmental hazards |   |
|  |   |
| Environmental hazards<br>Marine pollutant    | No  |
| ADG  |   |
| Hazard ID                                    | 80  |
| Tunnel Category                              | 80<br>(E)   |
| IMDG / GGVSee                                |   |
| EmS Code                                     | F-A S-B   |
| IATA / ICAO / DGR                            |   |
|  |   |

855 30 L

Packing Instruction (Cargo)

Maximum quantity



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| IATA / ICAO / DGR                  |     |
|------------------------------------|-----|
| Packing Instruction<br>(Passenger) | 851 |
| Maximum quantity                   | 1L  |

### SECTION 15: Regulatory information

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

| Regulations               | This document has been prepared in accordance with the requirements set out in the Work Health and Safety Regulation 2017 under the Work Health and Safety Act 2011. |
|---------------------------|--|
| Chemical                  | International  |
| Inventories/Right-to-Know | Basel Convention (Hazardous Waste): H8.  |
| Lists:                    | Chemical Weapons Convention (OPCW): This material contains no reportable components.   |
|                           | Kyoto Protocol Greenhouse Gases: This material contains no reportable components.  |
|                           | Mercosur Agreement: Not applicable.  |
|                           | Montreal Protocol: This material contains no reportable components.  |
|                           | The Rotterdam Convention: This material contains no reportable components.   |
|                           | The Stockholm Convention: This material contains no reportable components.   |
|                           |  |
|                           | Asia and the ASEAN Nations   |
|                           | Catalog of Hazardous Chemicals (China): This material contains no reportable components.   |
|                           | Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The  |
|                           | Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision,  |
|                           | Distribution, and Control of Hazardous Substances: This material contains no reportable  |
|                           | components.  |
|                           | Chemical Substances Control Law (Japan): Class I environmental release, [Dodecyl   |
|                           | benzenesulfonic acid, CAS No. 27176-87-0], Water Pollution Control Law:, [Sodium hydroxide   |
|                           | (solution), CAS No. 1310-73-2], Priority Assessment, (ecosystem), [169, Lauryl dimethyl amine  |
|                           | oxide, CAS No. 1643-20-5], [174, Cocamidopropyl betaine, CAS No. 61789-40-0].  |
|                           | Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required,  |
|                           | [Sodium hydroxide (solution), CAS No. 1310-73-2].  |
|                           | Poisonous and Deleterious Substances Act (Japan): This material contains no reportable   |
|                           | components.  |
|                           | Chemical Substances Subject to Permission (Korea): This material contains no reportable  |
|                           | components.  |
|                           | Restricted or Prohibited Substances (Korea): This material contains no reportable components.  |
|                           | Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000   |
|                           | (Malaysia): Schedule I exposure standard, CLASS regulation, [Sodium hydroxide (solution), CAS  |
|                           | No. 1310-73-2].  |
|                           | Philippine Inventory of Chemicals and Chemical Substances (PICCS): All ingredients listed or   |
|                           | exempt.  |
|                           | Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains  |
|                           | no reportable components.  |
|                           | Hazardous Substances Act (Thailand): This material contains no reportable components.  |
|                           | Law on Chemicals (Vietnam): Annex I, Appendix V, Appendix VII, [Sodium hydroxide (solution),   |
|                           | CAS No. 1310-73-2].  |
|                           | Australia and New Zecland  |
|                           | Australia and New Zealand  |
|                           | Australian Dangerous Goods Code: Class 8.  |
|                           | Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt.  |
|                           | New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.  |
|                           | European Union (EU) and the United Kingdom (UK)  |
|                           | Authorisation List (Annex XIV of REACH): This material contains no reportable components.  |
|                           |  |



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|   | 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture |   |
|---|--|---|
| - |  | Annex XVII for REACH: This material contains no reportable components.<br>Article 95 of the Biocidal Products Regulation (BPR): Not applicable.   |
|   |  | North America<br>Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt.<br>Toxic Substances Control Act (TSCA): All ingredients listed or exempt.<br>Massachusetts Right-to-Know Hazardous Substance List: Dodecyl benzenesulfonic acid, Sodium |

New Jersey Worker and Community Right to Know Act: Dodecyl benzenesulfonic acid, Sodium hydroxide (solution). Pennsylvania Right to Know Law: Benzenesulfonic acid, dodecyl-, Sodium hydroxide (solution).

Pennsylvania Right to Know Law: Benzenesulfonic acid, dodecyl-, Sodium hydroxide (solution). Rhode Island Right-to-Know General Law: Sodium hydroxide (solution).

\*\*California residents please note\*\*.

hydroxide (solution).

WARNING: This product can expose you to chemicals, including Formaldehyde (trace), CAS No. 50-00-0, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

### SECTION 16: Other information

### Other information

| Revision | This document differs from the previous version in the following areas:.                       |
|----------|--|
|          | 1 - Description.   |
|          | 1 - Product Use.   |
|          | 1 - Manufactured By:.  |
|          | 2 - Other hazards.   |
|          | 2 - Precautionary Statement: Response.   |
|          | 2 - Precautionary Statement: Storage.  |
|          | 2 - Precautionary Statement: Disposal.   |
|          | 5 - 5.2. Special hazards arising from the substance or mixture.                                |
|          | 6 - 6.3. Methods and material for containment and cleaning up.                                 |
|          | 8 - Further information.   |
|          | 9 - 9.1. Information on basic physical and chemical properties (Odour).                        |
|          | 9 - 9.1. Information on basic physical and chemical properties (Explosive properties).         |
|          | 9 - 9.1. Information on basic physical and chemical properties (Relative density).             |
|          | 9 - 9.1. Information on basic physical and chemical properties (Solubility).                   |
|          | 9 - 9.2. Other information (Gas group).  |
|          | 9 - 9.2. Other information (Specific gravity).   |
|          | 10 - 10.4. Conditions to avoid.  |
|          | 10 - 10.5. Incompatible materials.   |
|          | 13 - Further information.  |
|          | 14 - ADG.  |
|          | 14 - IMDG / GGVSee.  |
|          | 14 - IATA / ICAO / DGR.  |
|          | 15 - Chemical Inventories/Right-to-Know Lists:.  |
| Acronyms | ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by       |
|          | Rail (RID) and by Road (ADR).  |
|          | CAS No.: Chemical Abstracts Service.   |
|          | CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 |
|          | (Malaysia).  |
|          | GHS: Globally Harmonized System.   |
|          | HCS 2012: U.S. Hazard Communication Standard (2012 revision).                                  |
|          | IATA: International Air Transport Association.   |
|          |  |



| Other information                      |   |
|--|---|
| Text of Hazard Statements in Section 3 | ICAO: International Civil Aviation Organisation.<br>IMDG: International Maritime Dangerous Goods.<br>LD: Lethal dose.<br>OEL: Occupational exposure limit.<br>OSHA: U.S. Occupational Safety and Health Administration.<br>PEL: Permissible Exposure Limit.<br>REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.<br>SVHC: Substance of very high concern.<br>US DOT: United States Department of Transportation.<br>VOC: Volatile Organic Compound.<br>WEL: Workplace Exposure Limit.<br>Acute Tox. 4: H302 - Harmful if swallowed.<br>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.   |
| Section 3                              | <ul> <li>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</li> <li>Skin Irrit. 2: H315 - Causes skin irritation.</li> <li>Eye Irrit. 2: H319 - Causes serious eye irritation.</li> <li>Eye Dam. 1: H318 - Causes serious eye damage.</li> <li>Aquatic Acute 1: H400 - Very toxic to aquatic life.</li> <li>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</li> <li>Aquatic Acute 2: H401 - Toxic to aquatic life.</li> <li>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</li> <li>Flam. Liq. 4: H227 - Combustible liquid.</li> <li>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</li> <li>Skin Sens. 1: H317 - May cause an allergic skin reaction.</li> <li>Carc. 2: H351 - Suspected of causing cancer .</li> </ul> |
| Further information                    | STOT SE 2: H371 - May cause damage to organs .  |

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