

**Product Name:** Cuticle Softener

**Date:** 5/30/2023

SECTION 1 **IDENTIFICATION**

**Supplier:**

**Distributor:**

**U.S. PERS Emergency Telephone:** 1-800-633-8253  
**Product Name:** **Cuticle Softener**  
**Synonyms:** Sodium Lauryl Ether Sulfate  
**Chemical Name:** Sodium laureth sulfate  
**Chemical Formula:**  $\text{CH}_3(\text{CH}_2)_{11}(\text{OCH}_2\text{CH}_2)_n\text{OSO}_3\text{Na}$   
**CAS Number:** 9004-82-4  
**Product Use:** Easily softens the cuticle area.

SECTION 2 **HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**OSHA Regulatory Status:** This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

**Emergency Overview:** Moderately irritating to the eyes. Moderate skin irritation May cause irritation of respiratory tract.

**Potential Health Effects:**

**Eyes:** Moderately irritating to the eyes.

**Skin:** Substance causes moderate skin irritation.

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Ingestion:** Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Lauryl Ether Sulfate	9004-82-4	<5%
Cocamidopropyl Betain	61789-40-0	<3%

SECTION 4 **FIRST-AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Skin Contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Ingestion:** Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician if you feel unwell. Do not induce vomiting without advice from poison control center.

**Notes to Physician:** Symptoms may be delayed.

**General Advice:** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION 5 **FIRE FIGHTING MEASURES**

**Flammable Properties:** Not flammable by OSHA criteria. Not combustible by OSHA criteria.

**Extinguishing Media**

**Suitable Extinguishing Media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Protection of Firefighters**

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Protective equipment and precautions for firefighters:** Move containers from fire area if you can do so without risk.

**Specific Methods:** Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during cleanup. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Environmental Precautions:** Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, watercourses or onto the ground.

**Methods for Containment:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Collect spillage.

SECTION 6 **ACCIDENTAL RELEASE MEASURES - Continued**

**Methods for Cleaning Up:** Ventilate the contaminated area. Extinguish all flames in the vicinity. Wear appropriate protective equipment and clothing during cleanup. Prevent product from entering drains.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

SECTION 7 **HANDLING AND STORAGE**

**Handling:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not taste or swallow. Avoid breathing mist or vapor. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Do not use in areas without adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Do not empty into drains.

**Storage:** Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8 **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

**Components with workplace control parameters:** Contains no substances with occupational exposure limit values.

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

**Personal Protective Equipment**

**General:** Use personal protective equipment as required.

**Eye/Face Protection:** Wear eye/face protection. Wear safety glasses with side shields (or goggles). Do not get in eyes. Eye wash fountain is recommended.

**Skin Protection:** Wear appropriate chemical resistant clothing. Chemical resistant gloves.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations:** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Liquid
<b>pH:</b>	9-11 @ 10% Solution
<b>Boiling Point:</b>	>212°F (>100°C)
<b>Flash Point:</b>	>201°F (>93.9°C)
<b>Specific Gravity:</b>	1.0337
<b>Viscosity:</b>	800 cps @ 25°C

SECTION 10 **STABILITY AND REACTIVITY**

**Chemical Stability:** Material is stable under normal conditions.

**Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible Materials:** Strong oxidizing agents. Strong acids.

**Hazardous Decomposition Products:** Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

SECTION 11 **TOXICOLOGICAL INFORMATION**

**Toxicological Data**

Acute Dermal LD50 Rabbit: 2000 - 5000 mg/kg  
Acute Oral LD50 Rat: > 2000 mg/kg

**Sensitization:** Not classified.

**Acute Effects:** May be harmful if swallowed. May be harmful in contact with skin.

**Carcinogenicity:** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Skin Corrosion/Irritation:** Causes skin irritation.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Reproductive Effects:** Contains no ingredient listed as toxic to reproduction

SECTION 12 **ECOLOGICAL INFORMATION**

**Ecotoxicological Data**

EC50 Algae: > 56 ppm 72 hours  
EC50 Daphnia: > 13 ppm 48 hours  
LC50 Fish: 2.3 mg/l 96 hours

**Ecotoxicity:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

**Persistence/Degradability:** Readily biodegradable.

**Bioaccumulation/Accumulation:** No data available.

**Mobility in Environmental Media:** No data available for this product.

SECTION 13 **DISPOSAL CONSIDERATIONS**

**Waste Codes:** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Disposal Instructions:** Dispose in accordance with all applicable regulations.

**Waste from Residues/Unused Products:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14 **TRANSPORTATION DATA**

**DOT:** Not Regulated.  
**TDG:** Not Regulated.  
**MEX:** Not Regulated.  
**IATA:** Not Regulated.  
**IMDG:** Not Regulated.

SECTION 15 **REGULATORY INFORMATION**

**US Federal Regulations:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Reportable Quantity:** Reportable Quantity (RQ) of this product is 869565 pounds based upon 1,4-dioxane(123-91-1) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ / % of that ingredient in the product.

**CERCLA (Superfund) Reportable Quantity:** None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Section 302 extremely hazardous substance:** No  
**Section 311 hazardous chemical:** Yes

**Inventory Status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16 ***ADDITIONAL INFORMATION***

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 5/30/2023  
Phoenix Products Company