



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

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MATERIAL SAFETY DATA SHEET

SODIUM COCOYL ISETHIONATE

1. Identification of the Preparation and of the Company Name: Sodium Cocoyl Isethionate, SCI Inci name: Sodium Cocoyl Isethionate .

2. Hazards Identification

Name: Sodium Cocoyl Isethionate (Fatty Acids, Coco, 2-Sulfoethyl esters, Sodium Salts)

3. Components/Information on Ingredients Chemical composition:

CAS no. EC number Fatty acid, scoco, 2- sulfoethyl esters, sodium salts. 61789-32-0 263-052-5 Physical state: Prill Odor: Slight OSHA/HCS status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product. Emergency overview: No specific hazard. Potential acute health effects, Eyes: Slightly irritating to the eyes. Skin: Slightly irritating to the skin. Inhalation: No known significant effects or critical hazards. Ingestion: Practically non-toxic if swallowed. Medical conditions: aggravated by over exposure Repeated skin exposure can produce local skin destruction or dermatitis. Repeated exposure of the eyes to a low level of dust can produce eye irritation.

4. First Aid Measures Skin contact:

Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if irritation occurs. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get

medical attention if irritation occurs. Ingestion: Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. 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 symptoms occur. 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. Protection of first aiders: No action shall be taken involving any personal risk or without suitable training.

5.Fire-Fighting Measures Flammability of the product:

May be combustible at high temperature. Products of combustion: These products are carbon oxides (CO, CO₂), sulfur oxides (SO₂, SO₃ etc.). Some metallic oxides. Extinguishing media suitable: Use an extinguishing agent suitable for the surrounding fire. Special exposure hazards: No specific hazard. Special protective: equipment for the 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.

6.Accidental Release Measures Personal precautions:

Wash thoroughly after handling Environmental precautions: It is the general policy of Jeen International to discourage direct disposal of this product, or other products like it, into public waterways in the undiluted state. Dispose of in accordance with all local and federal regulations. Methods for cleaning up: Ventilate area. Persons performing clean-up should wear adequate protective equipment. Contain spill and soak up excess with compatible absorbent material. Transfer to suitable containers for disposal or reclamation. Flush area with water to chemical disposal drain.

7.Handling and Storage Handling:

Provide exhaust ventilation. Protection against fire and explosion: Avoid dust formation. The product is capable of dust explosion. Take precautionary measures against static discharges. Avoid all sources of ignition:heat, sparks, open flame. Storage and packaging: Keep container tightly closed. Keep container in a cool, well-ventilated area.

8.Exposure Controls / Personal Protection Engineering Measures:

No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. Personal Protection Equipment Respiratory System: Use a properly fitted, particulate filter respirator complying with an approved standard if 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. Recommended: disposable particulate mask. Skin and

body: 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. Hands: 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. >8 hour/hours (breakthrough time): natural rubber (latex) Eyes: 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. Recommended: splash goggles, safety glasses with side-shields.

9.Physical and Chemical Properties

Physical state: Fine granular Odour: Typical, mild pH: 6-8 Colour: White Melting temperature: 22 oC Initial boiling point: >149 oC Flash point: >93,3 oC Bulk density: 472 kg/m³ Solubility: In water Thermal decomposition: No data available Explosion hazard: Not explosive Fire promoting properties: Not fire propagating

10.Stability and Reactivity Reactivity:

No hazardous reactions if stored and handled as prescribed/indicated. Corrosion to metals: No corrosive effect on metal. Chemical stability: The product is stable if stored and handled as prescribed/indicated. Possibility of hazardous reactions: The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer. Conditions to avoid: Avoid dust formation. Incompatible materials. Substances to avoid: Acids, alkalines, caustics, halogens, reactive chemicals. Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11.Toxicological Information

Assessment of acute toxicity Experimental/calculated data: Of low toxicity after single ingestion. LD50 rat (oral) >2,000- 1,000 mg/l Method: OECD Test Guideline 209

12.Ecological Information

Toxicity to fish LC50 (Danio rerio (zebra fish)): 10 - 100 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (Water flea)): 30 mg/l Exposure time: 48 h Method: DIN 38412 T.11 Toxicity to algae: EC10 (Pseudokirchneriella subcapitata (algae)): 0.3 mg/l Exposure time: 72 h Toxicity to bacteria: EC50: > 1,000 mg/l Method: OECD Test Guideline 209

13.Disposal Considerations

Residue for disposal: According to local regulations. Waste packing: observe local regulations.

14.Transport Information Not dangerous product Classification: Not classified in RID/ADR/IMDG

15.Regulatory Information

Safety health and environmental regulations/legislation specific for the substance or mixture if other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection. Chemical Safety Assessment: Chemical Safety Assessment not required.

16.Other Information

To the best of our knowledge, the information contained in this sheet is correct. However, we cannot accept responsibility or liability for any consequences arising from its use.