



Safety Data Sheet as per Globally Harmonized System (GHS)

Sodium Cocoyl Isetheionate (SCI) Noodles

Effective Date: June 14, 2019

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

GHS Product identifier

Trade Name : Sodium Cocoyl Isetheionate (SCI) Noodles
INCI Name : Sodium Cocoyl Isethionate
CAS Number : 61789-32-0
EC Number : 263-052-5

Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Ingredient in Personal and Home Care products

Distributor's details : Chemistry Connection, Inc
253 Sturgis Rd Conway, AR 72034
(501) 470-9689
contact@thechemistryconnection.com

Emergency phone number : Chemistry Connection Tel. +1 888-583-7738
CHEMTREC (800) 424-9300

2. HAZARD IDENTIFICATION

Classification of the substance or mixture:

Acute oral toxicity Category 5; H303
Eye irritation Category 2A; H319
Acute aquatic toxicity Category 2; H401
Chronic aquatic toxicity Category 3; H412

GHS label elements, including precautionary statements

Hazard pictogram:

GHS07: Exclamation mark



Signal word: Warning

Hazard statement(s)

H303: May be harmful if swallowed.



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H319: Causes serious eye irritation.

H401: Toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification : Not known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity of the substance	: Fatty acids, coco, 2-sulfoethyl esters, sodium salts
Common name(s), Synonym(s)	: Sodium Cocoyl Isethionate; Coconut fatty acid, 2-sulfoethyl esters, sodium salt; Sodium 2-(cocoyloxy)ethanesulfonate
CAS Number	: 61789-32-0
EC Number	: 263-052-5
Concentration	: 85% minimum
Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance	: None

4. FIRST- AID MEASURES

Description of necessary first-aid measures

Inhalation	: Remove to fresh air. Seek medical attention, if necessary
Skin contact	: Wash with soap and water for at least 15 minutes. Seek medical advice, if necessary
Eye contact	: Flush with water for at least 15 minutes under running water with eyelids held open. Consult the doctor, if necessary



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Ingestion : Immediately rinse mouth and then drink water (two glasses at most). If feeling unwell, after accidental swallowing, consult the doctor

Most important symptoms/effects, acute and delayed

Eye contact : Causes serious eye irritation

Skin contact : Slightly irritant

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

Treatment : Treat symptomatically

5. FIRE- FIGHTING MEASURES

Suitable extinguishing media : Dry chemical powder, water spray, carbon dioxide, foam

Unsuitable extinguishing media : Do not use high volume water jet, which may spread fire

Specific hazards arising from the chemical : Development of hazardous combustion products like oxides of carbon and sulfur possible in the event of fire

Special protective equipment and precautions for fire-fighters : Wear personal protective equipment and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Wash hands after exposure with the substance. Avoid breathing dust. Avoid contact with skin, eyes and clothing

Environmental precautions : Do not discharge into drains, surface water or ground water

Methods and materials for containment and cleaning up : Collect in suitable and properly labeled container. Avoid dust formation. Dispose off collected material in accordance with regulations

7. HANDLING AND STORAGE

Precautions for safe handling : Follow general occupational hygiene such as, wash hands after use. Do not use hooks for handling bags. Multiple handling may lead to the formation of fine powder which may cause dusting during usage. Use personal protective equipment while charging the material. To avoid dusting, keep minimum distance between bag and the hopper. Use proper dust collection system to avoid



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Conditions for safe storage, including any incompatibilities	particle contamination in the production area. Follow safe procedures for loading and un-loading of product : Store the material in a clean, dry place at 15-35°C away from direct heat and sunlight. Keep the bags tightly closed. In original sealed condition, when stored as suggested the shelf life of the product is at least two years. Soft, easily breakable agglomerates may be formed on storage Stacking of paper bags: Non-palletized - maximum 12 bags while transporting and 8 bags during storage Palletized - 1+1 while transporting and during storage single pallet on ground or in rack Stacking of jumbo bags: Palletized (with crates) - 1+1, both during transport and storage
Suitable packing materials	: Paper bags with HDPE liner / Jumbo bag
Unsuitable packing materials	: Not known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits : Not known

Biological limit values : Not known

Appropriate engineering controls : Proper plant design, technical measures and working operations should minimize human exposure

Individual protection measures, such as personal protective equipment (PPE) : Eye/face protection: Safety goggles
Skin protection: Apron, rubber gloves and shoes
Respiratory protection : Dust mask required when dust is generated

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state : Needles

Colour : Off-white to pale yellow

Odour : Fatty

Odour threshold : No data available

pH (5% in distilled water) : 5.0 - 7.0

Melting point : $\geq 200^{\circ}\text{C}$



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Initial boiling point and boiling range	: > 300°C
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: Non flammable
Upper/lower flammability or explosive limits	: Not applicable
Vapour pressure	: No data available
Vapour density	: No data available
Bulk density	: 580 - 640 g/l
Solubility(ies)	: Sparingly soluble in water
Partition coefficient: n-octanol/water	: Log P _{ow} : - 0.41 at 20°C (calculated)
Auto-ignition temperature	: Did not show self-heating up to 400°C, indicates that substance does not have self-ignition temperature
Decomposition temperature	: No data available
Viscosity	: Not applicable

10. STABILITY AND REACTIVITY

Reactivity	: No hazardous reactions, if stored and handled as prescribed (Refer Section 7)
Chemical stability	: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure
Possibility of hazardous reactions	: Not anticipated when used or handled as prescribed
Conditions to avoid	: Sunlight, heat, flame and other sources of ignition
Incompatible materials	: Do not subject to acids, alkali and oxidizing agents
Hazardous decomposition products	: Will not form, if stored or handled as prescribed

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Rat)	: LD ₅₀ : ≥ 4.33 g/kg bw
Acute dermal toxicity	: No data available
Acute inhalation toxicity	: No data available
Skin corrosion/irritation (Rabbit)	: Not classified. Slightly irritant



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	(Equivalent or similar to OECD Guideline 404)
Serious eye damage/irritation (Rabbit)	: Irritating (OECD Guideline 405)
Respiratory or skin sensitization (Guinea pig)	: Not sensitizing (EU Method B.6 / OECD Guideline 406)
Germ cell mutagenicity	
Mammalian cell gene mutation assay (In vitro)	: Negative (OECD Guideline 476)
Bacterial reverse mutation assay (In vitro)	: Negative (Equivalent or similar to OECD Guideline 471)
In vitro mammalian chromosome aberration test	: Negative (Equivalent or similar to OECD Guideline 473)
Carcinogenicity	: Not classified. Carcinogenicity not expected
Reproductive toxicity	: Not classified Toxicity to reproduction (Rat): NOAEL: 1000 mg/kg bw/day (OECD Guideline 421) Read-across approach Developmental toxicity/maternal toxicity (Rat): NOEL: 1000 mg/kg bw/day (OECD Guideline 414) Read-across approach
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified Repeated dose toxicity: oral (Rat): NOAEL: ≥ 1000 mg/kg bw/day (Equivalent or similar to OECD Guideline 407) Repeated dose toxicity: dermal (Rat): NOAEL: ≥ 2070 mg/kg bw/day (OECD Guideline 410)
Aspiration hazard	: Not classified
Information on the likely routes of exposure	: Dermal, inhalation and oral
Symptoms related to the physical, chemical and toxicological characteristics	: Eye contact: Causes eye irritation Skin contact: Slightly irritant
Delayed and immediate effects and also chronic effects from short and long term exposure	: Short term exposure: Not known Long term exposure: Not known



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12. ECOLOGICAL INFORMATION

Toxicity

Short-term toxicity to fish	: Oncorhynchus mykiss LC ₅₀ (96 h): > 25 mg/l (Equivalent or similar to OECD Guideline 203)
Long-term toxicity to fish	: No data available
Short-term toxicity to aquatic invertebrates	: Daphnia magna EC ₅₀ (48 h): > 32 mg/l NOEC (48 h): ≥ 32 mg/l (OECD Guideline 202)
Long-term toxicity to aquatic invertebrates	: No data available
Toxicity to aquatic algae	: Pseudokirchnerella subcapitata EC ₅₀ (72 h): ≥ 1.87 mg/l NOEC (72 h): ≥ 0.31 mg/l (OECD Guideline 201) Read-across approach
Persistency and degradability	: Readily biodegradable; 78 % after 28 days (O ₂ consumption) OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Bioaccumulative potential	: Log P _{ow} : - 0.41, a low potential for bioaccumulation is expected
Mobility in soil	: Adsorption co-efficient: K _{oc} : 1451 l/kg (OECD Guideline 106 / Equivalent or similar to EPA OPPTS 835.1110 (Activated Sludge Sorption Isotherm)) Read-across approach
Other adverse effects	: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods	: Dispose off contents/container in accordance with local/regional/national/international regulations
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14. TRANSPORT INFORMATION

Not classified as dangerous according to transport regulations

15. REGULATORY INFORMATION



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Safety, health and environmental regulations specific for the product in question : None as per data available

International Inventories:

EU EINECS/ELINCS/NLP:	Product is listed
Canada DSL/NDSL:	Product is listed
US TSCA	Product is listed
Korea KECI:	Product is listed
China IECSC:	Product is listed
Japan ENCS:	Product is listed
Philippine PICCS:	Product is listed
Australia AICS:	Product is listed

California Proposition 65: This product does not contain any of the chemicals known to the State of California to cause cancer, reproductive toxicity or birth defects (developmental toxicity).

16. OTHER INFORMATION

Document History:

Legend/acronym : GHS - Globally Harmonized System
STOT - Specific Target Organ Toxicity

Source of information : In-house and literature

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