

Sodium Cocoyl Isethionate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 01/20/2020
Supersedes: 02/16/2015


1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Sodium Cocoyl Isethionate	Distributor:	Soap and More
Synonyms:	Coconut fatty acid, 2-sulfoethyl esters, sodium salt; Sodium 2-(cocoyloxy)ethanesulfonate	Address:	3830 7 St. SE Calgary AB T2G 2Y8
INCI Name:	Sodium Cocoyl Isethionate	Phone / Fax:	403-217-2346
CAS Number:	61789-32-0	Web:	soapandmore.ca
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Granules		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Classification: Acute oral toxicity Category 5
Eye irritation Category 2A
Acute aquatic toxicity Category 2
Chronic aquatic toxicity Category 3

GHS Signal Word: WARNING

GHS Hazard Pictograms: 

GHS Hazard Statements: H303: May be harmful if swallowed.
H319: Causes serious eye irritation.
H401: Toxic to aquatic life.
H412: Harmful to aquatic life with long lasting effects.

GHS Precautionary Statements: 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.

Potential Health Hazards: Eyes: Causes eye irritation.
Inhalation: No data available.
Skin: May be slightly irritating to the skin.
Ingestion: May cause irritation if swallowed.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Sodium Cocoyl Isethionate	61789-32-0	≥85%	Not Available

4 FIRST AID MEASURES

Eyes: Flush with water for at least 15 minutes under running water with eyelids held open. Consult the doctor, if necessary.

Inhalation: Remove victim to fresh air. Seek medical attention, if necessary.

Skin: Wash with soap and water for at least 15 minutes. Seek medical advice, if necessary.

Ingestion: Immediately rinse mouth and then drink water (two glasses at most). If feeling unwell after accidental swallowing, consult the doctor. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Consult a physician if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: No data available

Specific hazards arising from the chemical: Oxides of carbon and sulfur possible in the event of fire. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area (15-35°C). Keep the bags tightly closed. Keep away from heat, direct sunlight, and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Sodium Cocoyl Isethionate	Not available		

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Safety goggles should be worn.

Inhalation: Dust mask required when dust is generated.

Body: Wear protective body covering clothing, including an apron, rubber gloves, and shoes.

Other: Utilize proper plant design, technical measures, and working operations to minimize human exposure. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Granules	Vapor Pressure:	No data available
Odor:	Fatty	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Off-white to pale yellow	Flammability:	Non flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not applicable
pH (5% in distilled water):	5.0-7.0	Flash Point:	Not applicable
Boiling Point:	>300°C	Specific Gravity @ 25°C:	1.05-1.20
Melting Point:	≥200°C	Solubility in Water:	Sparingly soluble
No data available	650-800 g/L	Auto-ignition Temperature:	None

Partition Coefficient: n-octanol/water:	Log P _{ow} : -0.41 @ 20°C (calculated)	Decomposition Temperature:	No data available
Viscosity:	Not applicable	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions, if stored and handled as prescribed in Section 7.
Chemical Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Hazardous Polymerization:	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 Toxicity:	No data available
Skin:	Not classified. Slightly irritant.
Eyes:	Irritating.
Respiratory:	No data available
Ingestion:	LD50: ≥4.33 g/kg bw
Carcinogenicity:	Not classified. Carcinogenicity not expected.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	Negative
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	1000 mg/kg bw/day.
Respiratory/Skin Sensitization:	Not sensitizing
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50: >25 mg/L (96h) (Oncorhynchus mykiss)
Aquatic Invertebrate:	EC50: >32 mg/L (48h) NOEC: ≥32 mg/L (48h) (Daphnia magna)
Terrestrial:	EC50: ≥1.87 mg/L (72h) NOEC: ≥0.31 mg/L (72h) (Pseudokirchnerella subcapitata)
Persistence and Degradability:	No data available
Bioaccumulative Potential:	Readily biodegradable; 78% after 28 days (O ₂ consumption)
Mobility in Soil:	Adsorption co-efficient: K _{oc} : 1451 L/kg
PBT and vPvB Assessment:	No data available
Other Adverse Effects:	No data available

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	Not regulated as a dangerous good
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available

16 OTHER INFORMATION

Revision Date:	01/20/2020
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.