

# SDS (Safety Data Sheet)

## Sodium Cocoyl Isethionate

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

Revision Date: 01/08/2021  
Supersedes: 06/30/2020


### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Sodium Cocoyl Isethionate	<b>Distributor:</b>	YouWish
<b>Synonyms:</b>	Coconut fatty acid isethionate, sodium salt	<b>Address:</b>	Venserweg 21M 1112AR Diemen, The Netherlands
<b>INCI Name:</b>	Sodium Cocoyl Isethionate	<b>Phone / Fax:</b>	www.youwish.nl
<b>CAS Number:</b>	61789-32-0	<b>Web:</b>	
<b>Formula:</b>	No data available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Powder		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Eye irritation Category 2A  
Combustible dust

**GHS Signal Word:** WARNING

**GHS Hazard Pictograms:** 

**GHS Hazard Statements:** H319: Causes serious eye irritation.  
May form combustible dust concentrations in air.

**GHS Precautionary Statements:** P264: Wash hands thoroughly after handling.  
P280: Wear eye protection/face protection.  
P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P243: Take precautionary measures against static discharge.  
P233: Keep container tightly closed.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention.

**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	2	Moderate
Flammability	3	Serious
Reactivity	0	Minimal
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Sodium Cocoyl Isethionate	61789-32-0	80-90%	Not Available

Actual concentration is withheld as a trade secret.

### 4 FIRST AID MEASURES

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<b>Eyes:</b>	Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.
<b>Inhalation:</b>	Move the victim to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical advice/attention. Never give anything by mouth to an unconscious person.
<b>Skin:</b>	Remove/take off immediately all contaminated clothing. Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. If swallowed Do Not Induce Vomiting! Give large quantities of water, if available give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (foam, water spray jet) for adjacent fire. Do not use dry powder, carbon dioxide (CO <sub>2</sub> ), high volume water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	>212° F / >100° C
<b>Specific hazards arising from the chemical:</b>	In case of fire hazardous decomposition products may be produced such as sulphur trioxide. Emits toxic and corrosive fumes under fire conditions. Risk of dust explosion in fine crystalline powder form. See also Stability and Reactivity section.
<b>Further information:</b>	Apply alcohol-type or all purpose-type foams by manufactures' recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire sensitivity.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Avoid dust formation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. If dry, sweep up or shovel up and place in appropriate waste disposal containers. If molten, collect on suitable absorbent and place in appropriate waste disposal containers. Cleanup may be accomplished by flushing with water and collecting cleaning wastes for disposal or by removal of contaminated soils for disposal.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	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

<b>Precautions for safe handling:</b>	Store in cool, dry area. Avoid excessive heat. Keep away from sources of heat, sparks, or open flames. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in original container. Keep container 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.

STEL: Short Term Exposure Limit during x minutes.

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

IDLH: Immediately Dangerous to Life or Health  
WEEL: Workplace Environmental Exposure Levels  
CEIL: Ceiling

## Personal Protection:

**Eyes:** Safety glasses or chemical splash goggles.  
**Inhalation:** Wear NIOSH approved particulate filtering respirator rated N, R, or P95 or 100 or equivalent in the absence of proper environmental control. Type of respirator depends on level of exposure.  
**Body:** Butyl rubber, PVC or Neoprene gloves. Dermal contact should be prevented through the use of impervious clothing, footwear, and a face shield where splattering may occur.  
**Other:** Avoid contact with skin and eyes. Do not breathe dust. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Flakes	<b>Vapor Pressure:</b>	<0.001 mbar (77 °F / 25 °C)
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	Not tested
<b>Odor Threshold:</b>	Not tested	<b>Evaporation Rate:</b>	Not tested
<b>Color:</b>	White	<b>Flammability:</b>	Not determined
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not applicable
<b>pH (5% in distilled water):</b>	5.0-6.5	<b>Flash Point:</b>	>212 °F / >100 °C
<b>Boiling Point:</b>	>392 °F / >200 °C	<b>Specific Gravity @ 25 °C:</b>	1.05-1.20
<b>Melting Point:</b>	354-356 °F / 179-180 °C	<b>Solubility:</b>	Water: practically insoluble (68 °F / 20 °C) Other solvents: slightly soluble
No data available	650-800 g/L	<b>Auto-Ignition Temperature:</b>	Not applicable
<b>Partition Coefficient: n-octanol/water:</b>	Log P <sub>ow</sub> : -0.41	<b>Decomposition Temperature:</b>	595 °F / 313 °C
<b>Viscosity:</b>	Not tested	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	Not oxidizing	<b>Freezing Point:</b>	No data available
<b>Self-Ignition:</b>	464 °F / 240 °C	<b>Burning Number:</b>	3 - Local combustion without spreading
<b>Density:</b>	0.471-0.574 g/cm <sup>3</sup>	<b>Bulk Density:</b>	500 kg/m <sup>3</sup>
<b>Dust Explosion Class:</b>	ST1 Capable of dust explosion	<b>Minimum Ignition Energy:</b>	Not tested
<b>Particle Size:</b>	Not tested		

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use
<b>Chemical Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Dust can form an explosive mixture in the air
<b>Conditions to Avoid:</b>	Keep away from heat and sources of ignition
<b>Incompatible Materials:</b>	Not known
<b>Hazardous Decomposition Products:</b>	No decomposition if stored and applied as directed

## 11 TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eye contact Skin contact Inhalation
<b>Acute Toxicity:</b>	No data available

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<b>Skin:</b>	Not tested
<b>Eyes:</b>	Irritating (OECD Test Guideline 405) Causes serious eye irritation.
<b>Respiratory:</b>	Not tested
<b>Ingestion:</b>	LD50: >2,000 mg/kg (OECD Test Guideline 401)
<b>Carcinogenicity:</b>	Not classified as carcinogenic by IARC, OSHA, or NTP.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	Not mutagenic in Ames Test
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	This substance or mixture is not classified as a specific target organ toxicant, single exposure or repeated exposure.
<b>Reproductive Toxicity:</b>	1000 mg/kg bw/day. No evidence of adverse effects on sexual function and fertility, or on development.
<b>Respiratory/Skin Sensitization:</b>	Did not cause sensitization (OECD Test Guideline 406)
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	No skin irritation (OECD Test Guideline 404)
<b>Repeated Dose Toxicity:</b>	Causes serious eye damage

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Aquatic Vertebrate:</b>	<u>Product:</u> LC50: 10-100 mg/L (96h) (Danio rerio) (OECD Test Guideline 203) <u>Components</u> (Coconut fatty acid isethionate-sodium salt): LC50: 9.9 mg/L (96h) (Oncorhynchus mykiss) End point: mortality (semi-static test) GLP: Yes (OECD Test Guideline 203)
<b>Aquatic Invertebrate:</b>	<u>Product:</u> EC50: 30 mg/L (48h) (Daphnia magna) (DIN 38412 T.11) <u>Components</u> (Coconut fatty acid isethionate-sodium salt): EC50: 48 g/mL (48h) (Daphnia magna) End point: Immobilization (static test) GLP: Yes (OECD Test Guideline 201)
<b>Terrestrial:</b>	<u>Product:</u> EC50: 0.3 mg/L (72h) (Pseudokirchnerella subcapitata) (OECD Test Guideline 201) EC50: >1000 mg/L (Microorganisms) (OECD Test Guideline 209) <u>Components</u> (Coconut fatty acid isethionate-sodium salt): ErC50: 4.8 mg/L (72h) (Pseudokirchnerella subcapitata) End Point: Growth rate (static test) Analytica monitoring: Yes GLP: Yes (OECD Test Guideline 201) NOEC: 0.31 mg/L (72h) (Pseudokirchnerella subcapitata) End Point: Growth rate (static test) Analytica monitoring: Yes GLP: Yes (OECD Test Guideline 201) EC50: >687 mg/L (3h) (activated sludge) End point: Bacteria toxicity (respiration inhibition) (static test) GLP: No (OECD Test Guideline 209)
<b>Persistence and Degradability:</b>	<u>Product:</u> Biodegradation: >80% (28d) (OECD Test Guideline 301E) <u>Components</u> (Coconut fatty acid isethionate-sodium salt):

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Biodegradation: 78% (28d) (OECD Test Guideline 301D)  
Inoculum: activated sludge (aerobic)  
Concentration: 2 mg/L  
BOD Result: Readily biodegradable  
GLP: Yes

**Bioaccumulative Potential:** Product: Due to the low logPow bioaccumulation is not expected.  
Components (Coconut fatty acid isethionate-sodium salt):  
Partition coefficient: n-octanol/water: logPow: -0.41 (68°F / 20°C)  
pH: 7  
GLP: No

**Mobility in Soil:** Components (Coconut fatty acid isethionate-sodium salt):  
Koc: 1451, log Koc: 3.2 (OECD Test Guideline 106)  
Medium: water - soil (adsorption)

**PBT and vPvB Assessment:** The substance does not meet the criteria for/is not identified as a PBT or vPvB substance.

**Other Adverse Effects:** Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected

## 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.  
Waste from residues must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

**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.  
Packaging that cannot be cleaned should be disposed of as product waste.

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):	No data available
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):	No data available

## 15 REGULATORY INFORMATION

**TSCA Inventory Status:** All components are compliant with the TSCA Inventory Notification (Active) rule.  
All components are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations.  
All components are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FIFRA and must comply with the FIFRA regulations.

**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

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<b>Australia AICS:</b>	No data available
<b>EPCRA:</b>	Emergency Planning and Community Right-to-Know Act. No data available
<b>CERCLA Reportable Quantity:</b>	This material does not contain any components with a CERCLA RQ.
<b>SARA 304 EHS RQ:</b>	This material does not contain any components with a section 304 Extremely Hazardous Substances Reportable Quantity.
<b>SARA 302 EHS TPQ:</b>	This material does not contain any components with a section 302 Extremely Hazardous Substances Threshold Planning Quantity.
<b>SARA 311/312 Hazards:</b>	Combustible dust Serious eye damage or eye irritation
<b>SARA 313:</b>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
<b>Clear Water Act:</b>	This product does not contain any toxic pollutants listed under the US Clean Water Act Section 307.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	01/08/2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.