

## Sodium Cocoyl Isethionate

### Material Safety Data Sheet

(updated 10-18-2016)

#### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Sodium Cocoyl Isethionate

**INCI Name:** Sodium Cocoyl Isethionate

**CAS Number:** 61789-32-0

**Chemical Name:**

**Company Name:** MakingCosmetics Inc.

**Company Address:** 35318 SE Center Street, Snoqualmie WA 98065 (USA), Phone 425-292-9502

#### SECTION 2- COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS number	%
Sodium Cocoyl Isethionate (Fatty Acids, Coco, 2-Sulfoethyl esters, Sodium Salts)	61789-32-0	60 – 100

#### SECTION 3- HAZARD IDENTIFICATION

Physical state:	Noodles
Odor:	Mild
OSHA/HCS status:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200),
Emergency overview:	WARNING! Causes eye irritation.
<u>Potential acute health effects</u>	
Eyes	Irritating to the eyes.
Skin	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Medical conditions	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.
Aggravated by over exposure	

#### SECTION 4- FIRST AID MEASURES

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.
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.
Inhalation:	move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention if symptoms occur. 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.
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.

**MakingCosmetics.com Inc.**

35318 SE Center Street, Snoqualmie, WA 98065

Phone 425-292-9502

Fax 425-292-9601

www.makingcosmetics.com

## SECTION 5- FIRE FIGHTING MEASURES

Flammability of the product:	May be combustible at high temperature.
Products of combustion:	These products are carbon oxides (CO, CO <sub>2</sub> ), sulfur oxides (SO <sub>2</sub> , SO <sub>3</sub> etc.). Some metallic oxides.
<b>EXTINGUISHING MEDIA</b>	
Suitable:	Use an extinguishing agent suitable for the surrounding fire.
Special exposure hazards:	No specific hazard.
Special Protective: Equipment for 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.

## SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if product has caused environmental pollution (sewers, waterways, soil or air).
Methods of Clean-Up:	
Small Spill:	Move containers from spill areas. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via licensed waste disposal contractor.
Large Spill:	Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: See Section 1 for emergency contact information and Section 13 for waster disposal.

## SECTION 7- HANDLING AND STORAGE

Handling:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored, or processed. Workers should wash hands and face before eating, drinking, or smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin, and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## SECTION 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.

## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Off White Thin Noodles  
 Odor: Mild  
 Boiling Point: Decomposition temperature: 204.422 deg C (400 deg F)  
 Solubility in Water: Soluble in hot water. Partially soluble in cold water.  
 Flash Point: >200 deg. F closed cup: >93.322 deg C (Tagliabue)  
 Specific gravity: <1 (Water = 1)  
 Volatility: < 2% (v/v)  
 Dispersibility properties: See solubility in water  
 Lower Explosion Limit: NA  
 Upper Explosion Limit: NA

## SECTION 10- STABILITY AND REACTIVITY

Stability: Stable  
 Conditions to Avoid: None Known  
 Materials to Avoid: None Known  
 Hazardous Decomposition Products: None Known  
 Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur

## SECTION 11- TOXICOLOGICAL INFORMATION

Toxicity Data:

Product/ingredient name:	Test	Result	Route	Specials
Fatty acids, coco, 2-sulfoethyl Esters, sodium salts	LD50	4330 mg/kg	Oral	Rat
Sodium Cocoyl Isethionate	LD50	4330 mg/kg	Oral	Rat
Proprietary	LD50	18500 mg/kg	Oral	Rat (similar material)

Other toxic effects on humans: Not considered to be toxic to humans.

Specific effects:  
 Carcinogenic effects: No known significant effects or critical hazards.  
 Mutagenic effects: No known significant effects or critical hazards.  
 Teratogenicity / reproductive toxicity: No known significant effects or critical hazards.

Sensitization:  
 Ingestion: No known significant effects or critical hazards.  
 Inhalation: No known significant effects or critical hazards.  
 Eyes: Slightly Irritating to the eyes.  
 Skin: Slightly irritating to the skin.

## SECTION 12- ECOLOGICAL INFORMATION

Environmental precautions: No known significant effects or critical hazards.  
 Products of degradation: These products are carbon oxides (CO, CO2) and water, sulfur oxides (SO2, SO3 etc.).  
 Some metallic oxides  
 Toxicity of the products of Biodegradation: The product itself and its products of degradation are not toxic.

## SECTION 13- DISPOSAL CONSIDERATIONS

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity



and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

**SECTION 14- TRANSPORT INFORMATION**

UN Number: NA  
Land-road/Railway  
ADR/RID Class: NA  
Inland Waterways  
ADNR Class: NA  
Sea

**SECTION 14- TRANSPORT INFORMATION CONTINUED**

IMDG Class: NA  
IMDG Page Number: NA  
Air  
IATA-DGR Class: NA  
National Transport Regulations: NA  
Reportable quantity: CERCLA: Hazardous substances. No products were found.  
Flush point: Closed cup: >93.322 deg C (200 deg F). (Tagliabue.)

**SECTION 15- REGULATORY INFORMATION**

United States

HCS Classification: Not regulated.  
U.S. Federal regulations: TSCA 8(b) inventory: fatty acids, coco, 2-sulfoethyl esters, sodium salts  
SARA 302/304/311/312 extremely hazardous substances: No products were found.  
SARA 302/304 emergency planning and notification: No products were found.  
SARA 302/304/311/312 hazardous chemicals: No products were found.  
SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found.  
Clean Water Act (CWA) 307: No products were found.  
Clean Water Act (CWA) 311: No products were found.  
Clean Air Act (CAA) 112 accidental release prevention: No products were found.  
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.  
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

Canada

WHMIS (CANADA) Not controlled under WHMIS (Canada)  
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

EU Regulations

Risk phrases This product is not classified according to EU legislation.

**SECTION 16- OTHER INFORMATION**

Hazardous material	Health	2
Information System (U.S.A)	Fire Hazard	1
	Reactivity	0
	Personal Protection	C
National Fire protection Association (U.S.A)	Health	2
	Flammability	1
	Instability	0

**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.