

# Safety Data Sheet

## Sodium Cocoyl Isethionate (SCI) Powder

### 1. Identification of the Substance/Mixture and of the Company

#### 1.1 Product Identifier

**Product Name:** Sodium Cocoyl Isethionate (SCI) Powder

**INCI:** Sodium Cocoyl Isethionate

#### 1.2 Relevant Identified Product Use

**Intended Use:** Compound used in customer substance/mixture/product.

#### 1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.  
980 Adelaide St. S,  
London, On. N6E-1R3  
519-685-3111  
www.candorasoap.ca

#### 1.4 Emergency Telephone Number

**(800) 255-3924** Domestic USA, Canada, Puerto Rico, and US Virgin Islands

**+1 (813) 248-0585** International

### 2. Hazards Identification

#### 2.1 Classification of the Substance or Mixture

##### Classification According to GHS

<b>Eye Damage/Eye Irritation:</b>	Category 2A
<b>Acute Aquatic Toxicity:</b>	Category 2
<b>Chronic Aquatic Toxicity:</b>	Category 3

##### Classification Other

**Carcinogenicity:** No data available.

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### 2.2 Label Elements

#### Labelling (GHS)

#### Hazard Pictograms



**Signal Word:** Warning.

#### Hazard Statements

<b>H319</b>	Causes serious eye irritation.
<b>H401</b>	Toxic to aquatic life.
<b>H412</b>	Harmful to aquatic life with long lasting effects.

#### Precautionary Statements

##### Prevention:

<b>P264+P265</b>	Wash hands thoroughly after handling. Do not touch eyes.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves, protective clothing, eye protection.
<b>P501</b>	Dispose of contents/container in accordance with local, regional, or national regulations.

##### Response:

<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
<b>P337+P313</b>	If eye irritation persists: Get medical advice/attention.

### 2.3 Other Hazards

No data available.

## 3. Composition/Information on Ingredients

### 3.1 Mixtures

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Ingredient	CAS#	Weight %
Fatty acids, coco, 2-sulfoethyl esters, sodium salts	61789-32-0	>= 75 - <= 100
Fatty acids, coco	61788-47-4	>= 7 - <= 10

### 4. First Aid Measures

#### 4.1 Description of First Aid Measures

<b>Inhalation:</b>	Remove from exposure site to fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.
<b>Eye Exposure:</b>	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention if necessary.
<b>Skin Exposure:</b>	Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.
<b>Ingestion:</b>	Rinse mouth and drink plenty of water. Seek medical attention if irritation occurs or persists.

#### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

<b>Symptoms:</b>	No data available.
<b>Risks:</b>	No data available.

#### 4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

<b>Treatment:</b>	Treat symptomatically.
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### 5. Firefighting Measures

#### 5.1 Extinguishing Media

<b>Suitable:</b>	Water Spray, Dry Powder, Foam
<b>Unsuitable:</b>	Carbon Dioxide.

#### 5.2 Special Hazards Arising from the Substance or Mixture

<b>During Firefighting:</b>	Harmful vapours can occur during combustion.
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### 5.3 Advice for Firefighters

**Further Information:** Protective equipment for firefighting is recommended. Wear a self-contained breathing apparatus. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

## 6. Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dispersal of dust into the air (i.e. clearing surfaces with compressed air). Avoid the formation and buildup of dust (danger of dust explosion). Dust in sufficient concentration can result in an explosive mixture in the air. Use personal protective clothing. Avoid dust formation.

### 6.2 Environmental Precautions

Do not discharge into drains/surface waters/groundwater.

### 6.3 Methods and Materials for Containment and Cleaning Up

For small spills, pick up with suitable tools and dispose of. For large spills, contain with dust binding materials and dispose of. Dispose of absorbed material in accordance with regulations.

### 6.4 Reference to Other Sections

Not applicable.

## 7. Handling and Storage

### 7.1 Precautions for Safe Handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Respect good personal hygiene. Avoid dust formation. Dust in sufficient concentration can result in an explosive mixture in air. Handle to minimize dusting and eliminate open flame and other sources of ignition. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Dry powders can build static electricity charges when subjected

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to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

#### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep container tightly closed and dry; store in a cool place.

#### 7.3 Specific End Uses

No information available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control Parameters

**Exposure Limits:** Contains no substances with occupational exposure limit values.  
**Engineering Controls:** Provide local exhaust ventilation to control dust. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

### 8.2 Exposure Controls – Personal Protective Equipment

**Eye Protection:** Tightly fitting safety goggles (chemical goggles).  
**Respiratory Protection:** Wear a NIOSH certified (or equivalent) respirator as necessary.  
**Skin Protection:** Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

## 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Appearance:** White powder.  
**Odour:** Mild, solvent-like.

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<b>Viscosity:</b>	No data available.
<b>Freezing Point:</b>	Not determined.
<b>Boiling Point:</b>	> 149°C
<b>Melting Point:</b>	Not determined.
<b>Flashpoint:</b>	> 101°C
<b>Auto-flammability:</b>	Not determined.
<b>Explosive Properties:</b>	None expected.
<b>Oxidizing Properties:</b>	None expected.
<b>Vapour Pressure @ 25°C:</b>	< 1.3 hPa
<b>Specific Gravity @ 25 C:</b>	Not determined.
<b>Bulk Density:</b>	Approx. 470 kg/m <sup>3</sup>
<b>Density:</b>	Not determined.
<b>Refractive Index @ 20 C:</b>	Not determined.
<b>Soluble In:</b>	Oil.
<b>pH Value:</b>	4.5 – 7.5
<b>% Volatiles:</b>	< 1%

#### 10. Stability and Reactivity

<b>10.1 Reactivity:</b>	None.
<b>10.2 Chemical Stability:</b>	Stable.
<b>10.3 Possibility of Hazardous Reactions:</b>	None known.
<b>10.4 Conditions to Avoid:</b>	None known.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing agents, strong acids, and alkalis.
<b>10.6 Hazardous Decomposition Products:</b>	None known.

#### 11. Toxicological Information

##### 11.1 Toxicological Effects

<b>Acute Toxicity – Oral:</b>	Not classified – the classification criteria are not met.
<b>Acute Toxicity – Dermal:</b>	Not classified – the classification criteria are not met.
<b>Acute Toxicity – Inhalation:</b>	Not classified – the classification criteria are not met.
<b>Skin Corrosion/Irritation:</b>	May cause slight skin irritation.
<b>Serious Eye Damage/Irritation:</b>	Causes eye irritation.
<b>Respiratory Sensitization:</b>	Not classified – the classification criteria are not met.
<b>Skin Sensitization:</b>	Not classified – the classification criteria are not met.
<b>Germ Cell Mutagenicity:</b>	Not classified – the classification criteria are not met.
<b>Carcinogenicity:</b>	Not classified – the classification criteria are not met.

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<b>Reproductive Toxicity:</b>	Not classified – the classification criteria are not met.
<b>Specific Target Organ Toxicity – Single Exposure:</b>	Not classified – the classification criteria are not met.
<b>Specific Target Organ Toxicity – Repeated Exposure:</b>	Not classified – the classification criteria are not met.
<b>Aspiration Hazard:</b>	Not classified – the classification criteria are not met.

## 12. Ecological Information

### 12.1 Toxicity

<b>Acute Aquatic Toxicity:</b>	Toxic to aquatic life.
<b>Chronic Aquatic Toxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>Toxicity Data on Soil:</b>	No data available.
<b>Toxicity on Other Organisms:</b>	No data available.

<b>12.2 Persistence and Degradability:</b>	Readily biodegradable.
<b>12.3 Bioaccumulative Potential:</b>	Bioaccumulation is not expected.
<b>12.4 Mobility in Soil:</b>	Adsorption to solid soil phase is possible.
<b>12.5 Other Adverse Effects:</b>	No data available.

## 13. Disposal Conditions

### 13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations.

## 14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
<b>U.S. DOT (Non-Bulk)</b> Chemicals NOI				
	Not regulated			Not dangerous goods.
<b>ADR/RID (International Road/Rail)</b> Chemicals NOI				
	Not regulated			Not dangerous goods.
<b>IATA (Air Cargo)</b> Chemicals NOI				
	Not regulated			Not dangerous goods.
<b>IMDG (Sea)</b> Chemicals NOI				
	Not regulated			Not dangerous goods.

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### 15. Regulatory Information

#### U.S. Federal Regulations:

<b>TSCA (Toxic Substance Control Act):</b>	All components of the substance/mixture are listed or exempt.
<b>40 CER (EPCRA, SARA, CERCLA and CAA):</b>	No data available.

#### U.S. State Regulations:

<b>California Proposition 65 Warning:</b>	This product could potentially expose you to ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
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#### Canadian Regulations:

<b>DSL/NDSL:</b>	100% of the components are listed or exempt.
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### 16. Other Information

#### Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this



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information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.