



Soft 'N Sure<sup>®</sup>

Skin Cleanser

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 08/04/2015

Version: 1.0

## SECTION 1: Identification

### 1.1. Product Identifier

Product Form: Mixture  
Product Name: Soft 'N Sure  
Skin Cleanser  
Product Code: 1119

### 1.2. Intended Use of the Product

Use of the substance/mixture: Skin cleanser. For professional use only.

### 1.3. Name, Address, and Telephone of the Responsible Party

Company  
STERIS Corporation  
Official Mailing Address:  
P.O. Box 147  
St. Louis, MO 63166 USA

Street Address:  
7501 Page Avenue  
St. Louis, MO 63133 USA

Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)

web: [www.steris.com](http://www.steris.com)

email: [asksteris\\_msd@steris.com](mailto:asksteris_msd@steris.com)

### 1.4. Emergency Telephone Number

Emergency Number : 1-314-535-1395 or CHEMTREC: 1-800-424-9300

## SECTION 2: Hazards Identification

### 2.1. Classification of the Substance or Mixture

#### Classification (GHS-US)

Eye Irrit. 2B H320  
Full text of H-phrases: see section 16

### 2.2. Label Elements – This product is regulated by the FDA and is exempt from GHS labeling.

FDA Product Labeling : This product is regulated by the FDA, therefore, the requirements for product labeling do not fall under the jurisdiction of the OSHA Hazard Communication Standard according to 29 CFR 1910.1200.

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H320 - Causes eye irritation.

Precautionary Statements (GHS-US) : 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.

### 2.3. Other Hazards

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: Composition/Information On Ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-carboxymethyl)-4,5-dihydro-2-norcoo alkyl, hydroxides, sodium salts	(CAS No) 68650-39-5	3.28 - 3.75	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Coconut diethanolamide	(CAS No) 68603-42-9	1 - 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Hydrochloric acid	(CAS No) 7647-01-0	*pH adjuster	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H-phrases: see section 16

## SECTION 4: First Aid Measures

### 4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

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First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid Measures After Skin Contact: Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

First-aid Measures After Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Seek medical attention immediately.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Causes eye irritation.

Symptoms/Injuries After Inhalation: Not expected under normal conditions of use.

Symptoms/Injuries After Skin Contact: Not a primary skin irritant.

Symptoms/Injuries After Eye Contact: Causes eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions are not expected to occur under normal conditions.

### 5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Keep upwind. Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

Hazardous Combustion Products: Acrid smoke and irritating fumes. Carbon Monoxide, Carbon Dioxide and Oxides of Nitrogen (NOx).

Other information: Do not allow run-off from fire fighting to enter drains or water sources.

## SECTION 6: Accidental Release Measures

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

General Measures: Handle in accordance with good industrial hygiene and safety practice.

#### 6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Keep upwind.

#### 6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Place absorbed material in a sealed, labelled container for proper disposal. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Ventilate area. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

### 6.4. Reference to Other Sections

See Section 8: Exposure Controls and Personal Protection.

## SECTION 7: Handling And Storage

### 7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle in accordance with standard industrial practices, and ensure appropriate ventilation. Avoid all contact with skin, eyes, and clothing. Do not release into the environment.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke in areas where product is used.

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

Technical Measures: Observe all regulations and local requirements regarding storage of containers.

Storage Conditions: Store in a dry, cool and well-ventilated place.

Incompatible Products: Strong bases. Strong oxidizers. strong acids. Reducing agents.

### 7.3. Specific End Use(s)

Skin cleanser. For professional use only.

## SECTION 8: Exposure Controls/Personal Protection

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### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Hydrochloric acid (7647-01-0)		
USA ACGIH	ACGIH Ceiling (ppm)	2 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (Ceiling) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (Ceiling) (ppm)	5 ppm
USA NIOSH	NIOSH REL (ceiling) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (ceiling) (ppm)	5 ppm
USA IDLH	US IDLH (ppm)	50 ppm

### 8.2. Exposure Controls

- Appropriate Engineering Controls : Not generally required. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures.
- Personal Protective Equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
- Other Information : When using, do not eat, drink or smoke.

## SECTION 9: Physical And Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

- Physical State : Liquid
- Appearance : Off-white opaque viscous liquid
- Odor : Pleasant
- Odor Threshold : No data available
- pH : No data available
- Evaporation rate : No data available
- Melting Point : No data available
- Freezing Point : No data available
- Boiling Point : No data available
- Flash Point : No data available
- Auto-ignition Temperature : No data available
- Decomposition Temperature : No data available
- Flammability (solid, gas) : No data available
- Vapor Pressure : No data available
- Relative Vapor Density at 20 °C : No data available
- Relative Density : No data available
- Specific Gravity : 1.04 g/ml
- Solubility : Readily soluble
- Partition coefficient: n-octanol/water : No data available
- Viscosity : No data available
- Explosive Properties : Product is not explosive.
- Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact
- Explosion Data – Sensitivity to Static Discharge : Not expected to present an explosion hazard due to static discharge

### 9.2. Other Information

No additional information available

## SECTION 10: Stability And Reactivity

### 10.1 Reactivity:

Hazardous reactions are not expected to occur under normal conditions.

### 10.2 Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

### 10.3 Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

### 10.4 Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, incompatible materials.

### 10.5 Incompatible Materials:

Strong oxidizers. Strong bases. Strong acids. Metals. Reducing agents.

### 10.6 Hazardous Decomposition Products:

Thermal decomposition generates: Oxides of carbon. Nitrogen oxides.

## SECTION 11: Toxicological Information

### 11.1. Information On Toxicological Effects

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Acute Toxicity: Not classified

Soft 'N Sure <sup>®</sup> Skin Cleanser	
LD50 Oral Rat	> 39.91 g/kg
Coconut diethanolamide (68603-42-9)	
LD50 Oral Rat	12400 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Hydrochloric acid (7647-01-0)	
LD50 Oral Rat	238 - 277 mg/kg
LD50 Dermal Rabbit	> 5010 mg/kg
LC50 Inhalation Rat	1.68 mg/l (Exposure time: 1 h)

Skin Corrosion/Irritation: Not a primary skin irritant.  
Serious Eye Damage/Irritation: Causes eye irritation.  
Respiratory or Skin Sensitization: Not classified  
Germ Cell Mutagenicity: Not classified  
Teratogenicity: Not classified  
Carcinogenicity: Not classified.

Coconut diethanolamide (68603-42-9)	
IARC group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Hydrochloric acid (7647-01-0)	
IARC group	3

Reproductive Toxicity: Not classified  
Specific Target Organ Toxicity (Single Exposure): Not classified  
Specific Target Organ Toxicity (Repeated Exposure): Not classified  
Aspiration Hazard: Not classified  
Symptoms/Injuries After Inhalation: Not classified.  
Symptoms/Injuries After Skin Contact: Not a primary skin irritant.  
Symptoms/Injuries After Eye Contact: Causes eye irritation.  
Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.  
Chronic Symptoms: None expected under normal conditions of use.

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecology - General : Harmful to aquatic life.

Coconut diethanolamide (68603-42-9)	
LC50 Fish 1	3.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
EC50 Daphnia 1	2.15 mg/l (Exposure time: 48 h - Species: Daphnia pulex [Static])
ErC50 (algae)	2.2 mg/l (Exposure time: 72 h - Species: Scenedesmus subspicatus)
Hydrochloric acid (7647-01-0)	
LC50 Fish 1	3.25 - 3.5 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	4.92 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and Degradability

No additional information available

### 12.3. Bioaccumulative Potential

Not applicable.

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not dispose of waste into sewer. Do not empty into drains; dispose of this material and its container in a safe way.

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

## SECTION 14: Transport Information

### 14.1 In Accordance with DOT

Not regulated for transport

### 14.2 In Accordance with IMDG

Not regulated for transport

### 14.3 In Accordance with IATA

Not regulated for transport

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### 14.4 In Accordance with TDG

Not regulated for transport

## SECTION 15: Regulatory Information

### 15.1 US Federal Regulations

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SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
<b>Imidazolium compounds, 1-[2-(carboxymethoxy)ethyl]-1-carboxymethyl)-4,5-dihydro-2-norcoco alkyl, hydroxides, sodium salts (68650-39-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Coconut diethanolamide (68603-42-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Hydrochloric acid (7647-01-0)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on the United States SARA Section 302	
Listed on United States SARA Section 313	
SARA Section 302 Threshold Planning Quantity (TPQ)	500 (gas only)
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SARA Section 313 - Emission Reporting	1.0 % (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)

### 15.2 US State Regulations

Not applicable.

### 15.3 Canadian Regulations

Not applicable.

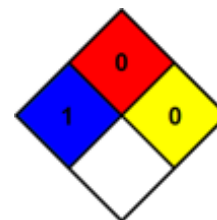
## SECTION 16: Other Information

Revision date : 08/04/2015  
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2B	Eye irritation Category 2B
Eye Irrit. 2A	Eye irritation Category 2A
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H319	Causes serious eye irritation
H320	Cause eye irritation

NFPA Health Hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA Fire Hazard : 0 - Materials that will not burn.  
NFPA Reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### Party Responsible for the Preparation of This Document

STERIS Corporation

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

STERIS NA GHS SDS