

## Cocamidopropyl Hydroxysultaine

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


Revision Date: 03-01-2016  
Supersedes: 11-06-2012

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Cocamidopropyl Hydroxysultaine	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Chemical Name:</b>	N-Cocoamidopropyl-N,N-dimethyl-N-2-hydroxyethylpropyl sulfobetaine	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Cocamidopropyl hydroxysultaine, glycerin	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	68139-30-0, 56-81-5	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	C <sub>19</sub> H <sub>38</sub> N <sub>2</sub> O <sub>3</sub>	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Eye Irrit. 2  
**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:** 

**GHS Hazard Statements:**  
H319: Causes serious eye irritation  
H400: Very toxic to aquatic life

**GHS Precautionary Statements:**  
P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.  
P501: Dispose of contents in accordance with local regulation.

**Potential Health Hazards:**  
Eyes: Can be irritant.  
Inhalation: Not expected to be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant.

**NFPA Ratings (704):**

Health	2	Moderate
Flammability	1	Slight
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>
Water	7789-20-0	55-69%	n/a
Cocamidopropyl hydroxysultaine	68139-30-0	30-39.9%	n/a
Glycerin	56-81-5	1-4.9%	n/a

### 4 FIRST AID MEASURES

**Eyes:** In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary

**Inhalation:** Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.

**Skin:** Flush with plenty of water and wash using soap.

**Ingestion:** Do not ingest; product may cause gastrointestinal irritation like diarrhea, abdominal cramps, and nausea. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention 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:** >94 Deg. C, 201.2 Deg. F PMCC (Minimum)

**Specific hazards arising from the chemical:** May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Not available

**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. Keep away from heat 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>
Cocamidopropyl hydroxysultaine	No data 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:** Wear chemical safety glasses or goggles.

**Inhalation:** Where exposure likely exceeds acceptable criteria use NIOSH/OSHA approved respiratory equipment.

**Body:** Slip proof shoes may be worn where spills may occur.

**Other:** Provide eyewash stations, quick-drench showers, and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	Liquid	<b>Vapor Pressure:</b>	18mmHg at 20oC
<b>Odor:</b>	None	<b>Vapor Density:</b>	>1
<b>Taste:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Pale yellow	<b>Flammability:</b>	May be combustible
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH (5% in water)</b>	6.5 - 8.0	<b>Flash Point:</b>	>94 °C (201 °C)
<b>Boiling Point:</b>	100 °C (212 °F)	<b>Specific Gravity:</b>	1.11 g/ml @ 25 °C
<b>Melting Point:</b>	No data available	<b>Solubility:</b>	Soluble in water

## 10 STABILITY AND REACTIVITY

**Reactivity:** Product is stable

**Chemical Stability:** Product is stable

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Avoid strong oxidizers, high heat, and freezing temperatures

**Incompatible Materials:** None known

**Hazardous Decomposition Products:** Biodegradable; burning can produce carbon monoxide, carbon dioxide, and nitrogen oxides

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** The LD50 in rats is >5000 mg/kg. Based on data from components or similar materials

**Skin:** Not expected to be irritant

<b>Eyes:</b>	Not expected to cause eye irritation. Based on data from components or similar materials
<b>Respiratory:</b>	Inhalation of vapors or mist may be irritating to the respiratory system
<b>Ingestion:</b>	Do not ingest; product may cause gastrointestinal irritation like diarrhea, abdominal cramps, and nausea
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	No data available
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	No data available
<b>IATA (International Air Transport Association):</b>	No data available
<b>ICAO (International Civil Aviation Organization):</b>	No data available

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All components of this material are on the US TSCA Inventory.
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available

## 16 OTHER INFORMATION

**Revision Date:** 03-01-2016

**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.