


SDS (Safety Data Sheet)

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Cocamidopropyl Hydroxysultaine	Distributor:	XI'AN AOGU BIOTECH CO.,LTD
Chemical Name:	N-Cocoamidopropyl-N,N-dimethyl-N-2-hydroxyethylpropyl sulfobetaine	Address:	Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,Yanta District,Xi'an Shaanxi 710065 China
INCI Name:	Cocamidopropyl hydroxysultaine	Phone / Fax:	40086-29-89121514
CAS Number:	68139-30-0, 56-81-5	Web:	www.AOGUBIO.com Product
Formula:	C ₁₉ H ₃₈ N ₂ O ₃	Emergency Telephone Number:	0086-1 8091 843361
Form:	Liquid		
Product Use:	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):	<table border="1"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	n/a	
Health	2	Moderate											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7789-20-0	52.5%	n/a
Cocamidopropyl hydroxysultaine	68139-30-0	38%	n/a
*Sodium chloride	7647-14-5	6.2%	n/a
*Cocamidodimethylamine	68603-42-9	0.5%	n/a
*3-dimethylaminopropyl amine	109-55-7	<0.01%	n/a

*By product/processing aid/residual that is not included on the INCI listing

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

Appearance, Physical State:	Liquid	Vapor Pressure:	18mmHg at 20oC
Odor:	None	Vapor Density:	>1
Taste:	No data available	Evaporation Rate:	No data available
Color:	Pale yellow	Flammability:	May be combustible
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH (5% in water)	6.5 - 8.0	Flash Point:	>94°C (201°C)
Boiling Point:	100°C (212°F)	Specific Gravity:	1.11 g/ml @ 25°C
Melting Point:	No data available	Solubility:	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
Eyes:	Not expected to cause eye irritation. Based on data from components or similar materials
Respiratory:	Inhalation of vapors or mist may be irritating to the respiratory system
Ingestion:	Do not ingest; product may cause gastrointestinal irritation like diarrhea, abdominal cramps, and nausea
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available

12 ECOLOGICAL INFORMATION

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

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

15 REGULATORY INFORMATION

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

16 OTHER INFORMATION

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.