Cocamidopropyl Hydroxysultaine

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

Revision Date: 03-Nov-2026
Supersedes: 28-Oct-2026

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Cocamidopropyl Hydroxysultaine
Synonyms: No data available
INCI Name: Water (and) Cocamidopropyl Hydroxysultaine (and) Sodium Chloride
CAS Number: 7732-18-5, 68139-30-0, 7647-14-5
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Hazard Classification: Category 1 – Causes serious eye damage.
Category 2 – Skin Irritant

Signal Word: **DANGER!**

Hazard Pictograms:



Hazard Statements: H318: Causes serious eye damage.

Precautionary Statements: *(Prevention)* P264+P265: Wash hands thoroughly after handling. Do not touch eyes.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
(Response) P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P317: Get emergency medical help.
(Disposal) P501: Dispose of contents/container in accordance with local regulations.

Potential Health Hazards: Eyes: Causes serious eye damage.
Inhalation: May be an irritant.
Skin: Causes skin irritation.
Ingestion: May cause nausea, vomiting, and diarrhea.

HMIS Ratings:

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	B	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7732-18-5	49 - 51%	Not Available
Cocamidopropyl Hydroxysultaine	68139-30-0	39 - 41%	Not Available
Sodium Chloride*	7647-14-5	5.5 - 7%	Not Available
Glycerin*	56-81-5	2 - 3%	Not Available
Cocamidopropyl Dimethylamine*	68140-01-2	≤ 0.5%	Not Available
3-dimethyaminopropyl amine	109-55-7	< 0.01%	Not Available

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

4 FIRST AID MEASURES

Eyes: Immediately flush eyes with a large amount of water for at least 15 minutes. Seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin: In case of skin contact, wash thoroughly with soap and water.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (water fog or spray, foam, dry powder, carbon dioxide (CO_2)) for surrounding environment and adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: > 201 °F (> 93.9 °C) [*Pensky-Martens Closed Cup*]
Specific hazards arising from the chemical: Hazardous combustion products include oxides of Carbon, Nitrogen and Sulfur. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up: Soak up with an inert, absorbent material. Dispose of absorbed material in accordance with Federal, State and Local regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Normal precautions should be observed as for handling all chemicals. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities: Store in original sealed containers. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Glycerin* [CAS 56-81-5]	5 mg/m^3 15 mg/m^3	PEL [*Respirable fraction Total Dust*]	OSHA

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

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 eye/face protection. Wear safety glasses with side shields (or goggles) in conjunction with a face shield. Do not get into your eyes.
Inhalation: Provide effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation. No special protective equipment is required.
Body: Wear appropriate chemical resistant clothing and gloves.
Other: Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	**Vapor Pressure:**	No data available
Odor:	Bland Fatty	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	Not determined
Color:	Yellow	**Flammability:**	Not determined
pH:	7.5 – 9.0	**Decomposition Temperature:**	Not determined
Boiling Point:	Approx. 212˚F (100˚C)	**Specific Gravity:**	No data available
Melting/Freezing Point:	Not determined	**Water Solubility:**	Infinitely soluble
Partition Coefficient:	0.61	**Auto-Ignition Temperature:**	Product is not self-igniting
Relative Density (Water=1):	1.136	**Flash Point:**	> 201 ˚F (> 93.9 ˚C) [*Pensky-Martens Closed Cup*]
Viscosity at 25ºC:	< 100 cps	**Explosive Properties:**	No data available
Oxidizing Properties:	No data available	**Metal Corrosion:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable at room temperature, no reaction risk.
Chemical Stability:	Stable under normal ambient temperature and conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Keep away from heat, sparks, and flame.
Incompatible Materials:	None listed.
Hazardous Decomposition Products:	Oxides of Carbon, Nitrogen, and Sulfur.
Possible Hazardous Reactions:	Hazardous reactions will not occur under normal transport or storage conditions.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Skin irritant. *(Rabbit, Dermal)* ATEmix; LD50: 6,098 mg/kg *(24h)*.
Eyes:	Causes serious eye damage.
Inhalation:	Irritant effect unknown.
Ingestion:	Irritant effect unknown. *(Rat, Oral)* ATEmix; LD50: 7,195 mg/kg *(24h)*.
Exposure Symptoms:	Irritation to skin and eyes.
Carcinogenicity:	This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.
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.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Aquatic Vertebrate:	Acute Toxicity: *(Brachydanio rerio)* LC50: 2.66 mg active content/L *(96h)*. Chronic Toxicity: *(Pimephales promelas)* NOEC: 0.072 mg solid content/L *(32d)*.
Aquatic Invertebrate:	Acute Toxicity: *(Acartia tonsa)* EC50: 6.62 mg solid content/L *(48h)*. Chronic Toxicity: *(Daphnia magna)* NOEC: 1.39 mg solid content/L *(32d)*.
Aquatic Algae:	Acute Toxicity: *(Skeletonema costatum)* EC50: 2.69 mg solid content/L *(72h)*. *(Pseudokirchneriella subcapitata)* ErC50: 0.32 mg/L *(72h)*. Chronic Toxicity: *(Skeletonema costatum)* NOEC: 0.9 mg solid content/L *(72h)*. *(Pseudokirchneriella subcapitata)* NOEC: 0.061 mg/L *(72h)*.
Persistence and Degradability:	Readily biodegradable.
Bioaccumulative Potential:	Low potential to accumulate in aquatic organisms.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	According to Annex XIV of Regulation (EC) No. 1907/2006, this product does not contain a substance fulfilling the PBT or vPvB criteria.
Other Adverse Effects:	The product does not contain substances that are listed in Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Not classified as a hazardous waste. 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.

Product Containers: Do not touch damaged containers unless wearing appropriate protective clothing. 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): Not regulated as dangerous goods.
Special Precautions: This product is not regulated for domestic ground transport in either non-bulk or bulk packaging, provided it is not transported by vessel.

TDG (Transportation of Dangerous Goods, Canada): No data available.

IMDG (International Maritime Dangerous Goods):



UN Number or ID Number: UN3082
Proper shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Cocamidopropyl Hydroxysultaine), Marine Pollutant.
Transport hazard class(es): 9
Packing Group: III
Environmental Hazards, Marine Pollutant: Yes
EmS: No data available.

IATA (International Air Transport Association):



UN Number or ID Number: UN3082
Proper shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Cocamidopropyl Hydroxysultaine)
Transport hazard class(es): 9
Packing Group: III
Environmental Hazards: Yes

ICAO (International Civil Aviation Organization): No data available.

Transport in Bulk (Annex II of MARPOL & IBC Code): Not evaluated.

15 REGULATORY INFORMATION

TSCA Inventory Status: Listed.
California Prop. 65: None.
Canada (DSL): No data available.
EINECS/ELINCS/NLP: 939-455-3
China (IECSC): No data available.
Australia (AICS): No data available.
Japan (ENCS): No data available.
Philippines (PICCS): No data available.
Korea (KECI): No data available.
New Zealand (NZIoC): No data available.

16 OTHER INFORMATION

Revision Date: 03-Nov-2026
Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication

Standard 29 CFR 1910.1200

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