

Amodimethicone

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Amodimethicone	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Amodimethicone, trideceth-12, cetrimonium chloride	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 68554-54-1, 24938-91-5, 112-02-7	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification:	Serious Eye Damage/Eye Irritation: Category 2B		
Signal Word:	DANGER!		
Hazard Pictograms:			
Hazard Statements:	H315: Causes skin irritation H318: Causes serious eye damage		
Precautionary Statements:	P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - If on skin: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a poison center or doctor. P321 - Specific treatment (see supplemental first aid instruction on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.		
Potential Health Hazards:	Eyes: Causes eye irritation. Inhalation: None expected under normal conditions of use. Skin: May cause skin irritation. Ingestion: May cause nausea, vomiting, and diarrhea.		
NFPA Ratings (704):	Health	1	Slight
	Flammability	0	Minimal
	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	7732-18-5	50 - 65%	Not Available
Amodimethicone	68554-54-1	28 - 36%	Not Available
Trideceth-12	24938-91-5	1 - 3%	Not Available
Cetrimonium Chloride	112-02-7	1 - 3%	Not Available

4 FIRST AID MEASURES

Eyes:	Causes eye irritation. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately
Inhalation:	Remove person to fresh air and keep comfortable for breathing.

Skin:	May be an irritant. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Call a poison center/doctor/physician if you feel unwell.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	No direct explosion hazard. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for adjacent fire. Do not use direct water jet as it may spread the fire.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	212°F (100°C)
Specific hazards arising from the chemical:	Hazardous decomposition products include carbon dioxide and carbon monoxide. Avoid contact with eyes, skin, or clothing. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Evacuate unnecessary personnel. Stop leak if safe to do so. 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. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible, without risk. Take up liquid spill into absorbent material. Transfer to a container for disposal.

7 HANDLING & STORAGE

Precautions for safe handling:	Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Wash contaminated clothing before reuse. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep tightly closed in a cool, well-ventilated place away from heat. Store always product in container of same material as original container. 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>
Amodimethicone	Not 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 protective eyewear (goggles, face shield, or safety glasses).
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear suitable gloves (rubber, neoprene, nitrile rubber). Wear suitable protective clothing.
Other:	Avoid release to the environment. 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:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	No data available

Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	6.0-9.0	Flash Point:	212° F (100° C)
Boiling Point:	>100° C @ 760 mmHg	Specific Gravity:	No data available
Melting Point:	No data available	Solubility:	Dispersible
Relative Density:	1.00 @ 25° C	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	5-50 cps @ 25° C	Explosive Properties:	None reported
Oxidizing Properties:	None reported	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No dangerous reactions known under normal conditions of use.
Conditions to Avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible Materials:	Oxidizing agent.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified under oral, dermal, or inhalation acute toxicity.
Skin:	Causes skin irritation. Component: Cetrimonium Chloride: (Rat, Dermal) LD50: > 2000 mg/kg. (Rabbit, Dermal) LD50: 4300 mg/kg (Source: NZ_CCID). (Dermal) LD50: 4160 mg/kg.
Eyes:	Causes serious eye damage.
Respiratory:	Not classified. None under normal conditions.
Ingestion:	No symptoms/effects expected under normal conditions of use. Component: Trideceth-12: (Rat, Oral) LD50: 7400 mg/kg. Component: Cetrimonium Chloride: (Rat, Oral) LD50: 410 mg/kg (Source: NZ_CCID). (Oral) LD50: 400 mg/kg.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified for single or repeated exposure.
Reproductive Toxicity:	Not classified.
Aspiration Toxicity:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life with long lasting effects.
Aquatic Vertebrate:	Component: Trideceth-12: (Fish[1]) LC50: 7.5 mg/l. Component: Cetrimonium Chloride: (Danio rerio [1]) LC50: 0.59 mg/l (Exposure time: 96 hours, [static] Source: ECHA). NOEC chronic fish 0.0322 mg/l.
Aquatic Invertebrate:	Component: Cetrimonium Chloride: (Daphnia magna [1]) EC50: 280 µg/l Test organisms. NOEC chronic crustacea ≥ 100 mg/l.
Algae:	Component: Cetrimonium Chloride (Raphidocelis subcapitata) EC50 72 hours = 0.155 mg/l. (Raphidocelis subcapitata[2]) EC50 72h = 0.115 mg/l.
Persistence and Degradability:	Rapidly degradable.
Bioaccumulative Potential:	Partition coefficient n-octanol/water (Log Pow): 3.08.
Mobility in Soil:	Organic Carbon Normalized Adsorption Coefficient (Log Koc): 5.5.
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.
Product Containers:	Do not reuse empty 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):	Not regulated for transport.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated for transport.
IMDG (International Maritime Dangerous Goods):	Not regulated for transport.
IATA (International Air Transport Association):	Not regulated for transport.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
California Proposition 65:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

16 OTHER INFORMATION

Revision Date:	06-Aug-2026
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.