

## Cocamidopropylamine Oxide


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

Revision Date: 08-Nov-2024  
Supersedes: 05-Jul-2023

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Cocamidopropylamine Oxide	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Water, Cocamidopropylamine Oxide, Glycerin	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	7732-18-5, 68155-09-9, 58-81-5	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

Classification:	ACUTE TOXICITY (oral): Category 4												
Labeling:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)												
Signal Word:	WARNING												
Hazard Pictograms:													
Hazard Statements:	Causes eye and skin irritation.												
Precautionary Statements:	General: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response: IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.												
Potential Health Hazards:	Eyes: No known significant effects or critical hazards. Inhalation: No known significant effects or critical hazards. Skin: No known significant effects or critical hazards. Ingestion: Harmful if swallowed.												
NFPA Ratings (704):	<table><tr><td>Health</td><td>1</td><td>Slight</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	1	Slight	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	1	Slight											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	N/A												
HMIS Rating:	<table><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>Physical Hazard</td><td>N/A</td><td></td></tr></table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Physical Hazard	N/A	
Health	2	Moderate											
Flammability	1	Slight											
Reactivity	0	Minimal											
Physical 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	58.3 - 60.7%	Not Available
Cocamidopropylamine Oxide	68155-09-9	34.5 - 36.5%	Not Available
Glycerin	58-81-5	3.0 - 4.0	Not Available
Citric Acid	77-92-9	Not Available	Not Available
Methylchloroisothiazoline/ Methylisothiazolinone	55965-84-9	Not Available	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin:</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion:</b>	Do Not Induce Vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Physician Notes:</b>	Treat symptomatically. No specific treatment. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperatures. Use appropriate media for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode and full protective clothing, including eye protection and boots. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
<b>Flash Points:</b>	Closed cup: > 203°F (>95°C)
<b>Specific hazards arising from the chemical:</b>	In a fire or if heated, a pressure increase will occur and the container may burst. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
<b>Methods and material for containment and cleaning up:</b>	For small spills, stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. For large spills, stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material (e.g. sand, earth vermiculite or diatomaceous earth) and place in container for disposal according to local regulations. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of via a licensed waste disposal contractor, in accordance with the regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Use good personal hygiene practice. Remove contaminated clothing and protective equipment before entering eating
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## Conditions for safe storage, incl. any incompatibilities:

areas. See section 8 for recommendations on the use of personal protective equipment. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store away from 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>
Cocamidopropylamine Oxide	None		

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:

<b>Eyes:</b>	Wear safety glasses with side shields.
<b>Inhalation:</b>	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>Body:</b>	Wear chemical-resistant, impervious gloves complying with an approved standard at all times when handling. Consider the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may vary by manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Personal protective equipment for the body and feet should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Other:</b>	Use good personal hygiene practices. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Light yellow	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	6 - 8	<b>Flash Point (Closed cup):</b>	> 203 °F (>95 °C)
<b>Boiling Point:</b>	212 °F (100 °C)	<b>Specific Gravity:</b>	No data available
<b>Melting/Freezing Point:</b>	No data available	<b>Water Solubility:</b>	Soluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Metal Corrosion:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical Stability:</b>	This product is stable.
<b>Hazardous Polymerization:</b>	No data available.
<b>Conditions to Avoid:</b>	No data available.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	Under normal conditions of storage and use, hazardous decomposition products should not

**Possible Hazardous Reactions:** be produced.  
Under normal conditions of storage and use, hazardous reactions will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No data available.  
**Skin:** No known significant effects or critical hazards.  
**Eyes:** No known significant effects or critical hazards.  
**Inhalation:** No known significant effects or critical hazards.  
**Ingestion:** Harmful if swallowed.  
(Rat, Oral) LD50; Dose: 2000 mg/kg.  
**Carcinogenicity:** No known significant effects or critical hazards.  
**Teratogenicity:** No known significant effects or critical hazards.  
**Germ Cell Mutagenicity:** No known significant effects or critical hazards.  
**Embryotoxicity:** No data available.  
**Specific Target Organ Toxicity:** No data available.  
**Reproductive Toxicity:** No known significant effects or critical hazards.  
**Sensitization:** No data available.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.  
**Aquatic Vertebrate:** No data available.  
**Aquatic Invertebrate:** No data available.  
**Terrestrial:** 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 known significant effects or critical hazards.

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** This material and its container must be disposed of in a safe way. The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. 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:** Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product 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.

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.  
**TDG (Transportation of Dangerous Goods, Canada):** Not regulated.  
**IMDG (International Maritime Dangerous Goods):** Not regulated.  
**IATA (International Air Transport Association):** Not regulated.  
**ICAO (International Civil Aviation Organization):** No data available.  
**Transport Precautions:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status (8b):</b>	All components are listed or exempt.
<b>Clean Air Act Section 112(b):</b>	Not listed under hazardous air pollutants.
<b>Clean Air Act Section 602:</b>	Not listed under class II substances.
<b>DEA List I Chemicals:</b>	Not listed under precursor chemicals.
<b>DEA List II Chemicals:</b>	Not listed under essential chemicals.
<b>SARA 302/304:</b>	No products were found.
<b>SARA 604 RQ:</b>	Not applicable.
<b>SARA 311/312:</b>	Immediate acute health hazard.
<b>States Right to Know:</b>	None of the components are listed under MA, NJ, NY, or PA right to know.
<b>California Prop. 65:</b>	Compliant.
<b>Canada (DSL):</b>	All components are listed or exempted.
<b>Europe:</b>	All components are listed or exempted.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	All components are listed or exempted.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.
<b>Korea (KECI):</b>	No data available.
<b>New Zealand (NZIoC):</b>	No data available.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	08-Nov-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.