Cocamidopropylamine Oxide

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Cocamidopropylamine Oxide
Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Synonyms: mides, coco, N-[3-(dimethylamino)propyl], N-oxides
INCI Name: Cocamidopropylamine Oxide
CAS Number: 68155-09-9, 7732-18-5
Phone / Fax: 425-292-9502 / 425-292-9601
Web: www.makingcosmetics.com

Formula: Not available
Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Signal Word: DANGER
GHS Hazard Pictograms:
GHS Hazard Statements:
H302: Harmful if swallowed
H315: Causes skin irritation
H318: Causes serious eye damage
GHS Precautionary Statements:
P264: Wash skin thoroughly after handling
P312: If swallowed call poison center or doctor
P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.

Potential Health Hazards:
Eyes: May cause eye irritation and eye damage.
Inhalation: May cause irritation of the respiratory tract and mucous membranes
Skin: May cause skin irritation
Ingestion: May cause irritation of the gastrointestinal tract.

NFPA Ratings (704):

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>Specific Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Minimal</td>
</tr>
</tbody>
</table>

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropylamine Oxide</td>
<td>68155-09-9</td>
<td>32%</td>
<td>Not available</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>68%</td>
<td>18.02 g/mol</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention immediately.
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 immediately.
Skin: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.

5 FIRE-FIGHTING MEASURES

Flammability: Auto-ignition temperature and Flash points not available
Products of Combustion: None known
Suitable (and unsuitable) extinguishing media:
Small Fire: use dry chemical powder, Large Fire: Use water spray, fog or foam. Do not use water jet.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards: No specific hazards known.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.
Methods and material for containment and cleaning up: Pick up and arrange disposal. 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

Safe handling: See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.
Safe storage: Store in cool, dry well ventilated area. Product is light-sensitive and moisture-sensitive. Keep away from incompatible materials such as oxidizing agents and moisture.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropylamine Oxide</td>
<td>Not available</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
<td></td>
</tr>
<tr>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td>IDLH: Immediately Dangerous to Life or Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TLV: Threshold Limit Value over 8 hours of work.</td>
<td>WEEL: Workplace Environmental Exposure Levels</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL: Recommended Exposure Limit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PEL: Permissible Exposure Limit</td>
<td></td>
<td></td>
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</tbody>
</table>

Personal Protection:
Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin: Wear nitrile or rubber gloves, apron or lab coat.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance, Physical State:</th>
<th>Liquid</th>
<th>pH Value: 6.0 - 7.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Mild</td>
<td>Vapor Density: Not available</td>
</tr>
<tr>
<td>Color:</td>
<td>White to slightly yellowish</td>
<td>Vapor Pressure: Not available</td>
</tr>
<tr>
<td>Medium Particle Size:</td>
<td>Not applicable</td>
<td>Evaporation Rate: Not available</td>
</tr>
<tr>
<td>Bulk Density:</td>
<td>8.34 lbs/gal</td>
<td>Flash Point: Not available</td>
</tr>
<tr>
<td>Specific Surface Area (BET):</td>
<td>Not applicable</td>
<td>Specific Gravity: 1.0 g/cm³</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>Not available</td>
<td>Solubility: Soluble in water</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>Not available</td>
<td>% Volatile by Weight: 68%</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressures. Moisture sensitive.
Incompatibilities: Strong oxidizing agents
Hazardous Polymerization: Will not occur
Conditions to Avoid: High temperatures, incompatible materials, light, moisture, strong oxidants.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and oxides of nitrogen. Aldehydes.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: LD50 oral rat, adult >5,000 mg/kg
LD50 Dermal rabbit > 2,000 mg/kg
Swallowing material may cause irritation of the gastrointestinal tract, nausea, vomiting, diarrhea, and abdominal pain. Based on similar products this material is a skin irritant and eye irritant.
Carcinogenicity: Not available
Teratogenicity: Not available
Mutagenicity: Not available
Sensitizing: Not available
Reproductive Toxicity: Not available

### 12 ECOLOGICAL INFORMATION

Ecotoxicity: No ecological testing has been done on this product.
Environmental: No data available
Physical: No data available

### 13 DISPOSAL CONSIDERATIONS

Waste Residues: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P & U-Series: None listed

### 14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA): Not regulated
TDG (Transportation of Dangerous Goods, Canada): Not regulated
ICAO (International Civil Aviation Organization): Not regulated

### 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are either listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.
SARA 312: Immediate health hazard
SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986: None known
DSL (Canada): All components in the product are on the Canadian Domestic Substances List (DSL) or are exempt from listing.
WHMIS (Canada): None of the components in this product are listed. WHMIS Class: not controlled.
CA Proposition 65: Not listed to cause cancer, birth defects, or other reproductive hazards.

### 16 OTHER INFORMATION

Revision Date: 05-15-2015
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 suitableness & completeness of such information for his own particular use.