Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

**Common Name/Trade Name**
Cocamidopropyl Betaine

**Manufacturer**
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

**Commercial Name(s)**
Not available.

**Synonym**
Coco Amido Betaine; Coconut oil, amidopropyl betaine; N-(3-Cocamidopropyl)-N,N-dimethyl-N-carboxymethyl betaine; N-(Cocamidopropyl)-N,N-dimethyl-N-carboxymethyl ammonium betaine; N-Cocamidopropyl-N,N-dimethyglycine hydroxide, inner salt; N-(Coco Alkyl) Amido Propyl Dimethyl Betaine

**Chemical Name**
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides, inner salts

**Chemical Family**
Not available.

**Chemical Formula**
Not available.

**Supplier**
SPECTRUM LABORATORY PRODUCTS INC.
14422 S. SAN PEDRO STREET
GARDENA, CA 90248

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Section 2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>TWA (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Cocamidopropyl Betaine</td>
<td>61789-40-0</td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

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**Toxicological Data on Ingredients**

LD50: Not available.
LC50: Not available.
Section 3. Hazards Identification

Potential Acute Health Effects: Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects: CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4. First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5. Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.


Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Continued on Next Page
### Section 6. Accidental Release Measures

<table>
<thead>
<tr>
<th>Small Spill</th>
<th>Absorb with an inert material and put the spilled material in an appropriate waste disposal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Spill</td>
<td>Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.</td>
</tr>
</tbody>
</table>

### Section 7. Handling and Storage

**Precautions**
- Keep away from heat.
- Keep away from sources of ignition.
- Ground all equipment containing material.
- Do not breathe gas/fumes/vapor/spray.
- Avoid contact with eyes.
- Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.

**Storage**
- Keep container tightly closed.
- Keep container in a cool, well-ventilated area.

### Section 8. Exposure Controls/Personal Protection

**Engineering Controls**
- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
- Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection**
- Splash goggles.
- Synthetic apron or Lab coat.
- Gloves (impervious).
- Respiratory protection is not necessary for normal handling.
- Adequate general (room) ventilation or local exhaust (fume hood) is sufficient.
- Use a vapor respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapor, inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible.
- Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill**
- Splash goggles.
- Full suit.
- Boots.
- Gloves.
- Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits**
- Not available.

### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical state and appearance</th>
<th>Liquid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular Weight</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH (1% soln/water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;110°C (230°F)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td>Critical Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.045 (Water = 1)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>3.3 kPa (@ 25°C)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>0.6 (Air = 1)</td>
</tr>
<tr>
<td>Volatility</td>
<td>Not available.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>Water/Oil Dist. Coeff.</td>
<td>Not available.</td>
</tr>
<tr>
<td>Ionicity (in Water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Dispersion Properties</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in cold water.</td>
</tr>
</tbody>
</table>

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### Section 10. Stability and Reactivity Data

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Instability Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Excess heat</td>
</tr>
<tr>
<td>Incompatibility with various</td>
<td>Not available.</td>
</tr>
<tr>
<td>substances</td>
<td></td>
</tr>
<tr>
<td>Corrosivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Reactivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Corrosivity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Polymerization</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Route of Entry</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Routes of Entry</td>
<td>Absorbed through skin.   Eye contact.</td>
</tr>
<tr>
<td>Toxicity to Animals</td>
<td>LD50: Not available.</td>
</tr>
<tr>
<td></td>
<td>LC50: Not available.</td>
</tr>
<tr>
<td>Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other Toxic Effects on Humans</td>
<td>Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.</td>
</tr>
<tr>
<td>Special Remarks on Toxicity to Animals</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special Remarks on Chronic Effects on Humans</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
| Special Remarks on other Toxic Effects on Humans | Acute Potential Health Effects:  
- Skin: May cause skin irritation.  
- Eyes: Causes moderate irritation.  
- Inhalation: Inhalation of mist or vapor may cause respiratory tract irritation.  
- Ingestion: Expected to be a low hazard. |

### Section 12. Ecological Information

| Ecotoxicity                     | Not available                                    |
| BOD5 and COD                    | Not available                                    |
| Products of Biodegradation      | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | Not available.                              |
| Special Remarks on the Products of Biodegradation | Not available.                              |
Section 13. Disposal Considerations

Waste Disposal
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

DOT Classification
Not a DOT controlled material (United States).

Identification
Not applicable.

Special Provisions for Transport
Not applicable.

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations
TSCA 8(b) inventory: Cocamidopropyl Betaine

California Proposition 65
Warnings
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other Regulations
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS No. 263-058-8).
Canada: Listed on Canadian Domestic Substance List (DSL).
China: Listed on National Inventory.
Japan: Listed on National Inventory (ENCS).
Korea: Listed on National Inventory (KECI).
Philippines: Listed on National Inventory (PICCS).
Australia: Listed on AICS.

Other Classifications
WHMIS (Canada) CLASS D-2B: Material causing other toxic effects (TOXIC).
DSCL (EEC) R36- Irritating to eyes.
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

HMIS (U.S.A.)
National Fire Protection Association (U.S.A.)

Health Hazard 2
Flammability
Fire Hazard 1
Reactivity
Reactivity
Specific hazard
Reactivity

WHMIS (Canada) (Pictograms)

DSCL (Europe) (Pictograms)
Protective Equipment

- Wear appropriate respirator when ventilation is inadequate.
- Splash goggles.

Section 16. Other Information

| MSDS Code | C2033 |
| References | Not available. |
| Other Special Considerations | Not available. |


CALL (310) 516-8000

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Spectrum Quality Products, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.