Section 1. Product and Company Identification

**Product Name**  Cocamidopropyl Dimethylamine  
**CAS Number**  68140-01-2

**Parchem - fine & specialty chemicals**  
415 Huguenot Street  
New Rochelle, NY 10801  
✔ (914) 654-6800  📞 (914) 654-6899  
🌐 parchem.com  📧 info@parchem.com

**EMERGENCY RESPONSE NUMBER**  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
**GHS-US classification**  
Acute Tox. 4 (Oral) H302  
Skin Corr. 1B H314  
Eye Dam. 1 H318  
Aquatic Acute 1 H400

**GHS Label Elements**  
Pictograms:

- 📦👉  
- ⚠️  
- ⏬ направленный вниз

**Signal word:** DANGER

**Hazard and precautionary statements**  
**Hazard Statements (GHS-US)**  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage  
H400 - Very toxic to aquatic life

**Precautionary Statements (GHS-US)**  
P280 - Wear In order to avoid inhalation of mist/vapor, all spraying must be done wearing adequate respirator, protective clothing, protective gloves, eye protection  
P273 - Avoid release to the environment  
P301+P312 - If swallowed: Call a POISON CENTER, a doctor if you feel unwell  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin
with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
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, a doctor
P391 - Collect spillage
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Other hazards: No additional information available
Unknown acute toxicity (GHS US): No data available

### Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Cocamidopropyl Dimethylamine</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>68140-01-2</td>
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</table>

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Dimethylamine</td>
<td>68140-01-2</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Section 4. First Aid Measures

**Description of first-aid measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** Allow victim to breathe fresh air. Allow the victim to rest.

**Skin contact:** Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see ... on this label).

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms and effects, both acute and delayed**

**Skin contact:** Causes skin irritation.

**Eye contact:** Causes serious eye damage.

**Ingestion:** Swallowing a small quantity of this material will result in serious health hazard.

**Indication of any immediate medical attention and special treatment needed:** No additional information available
Section 5. Firefighting Measures

Extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture: No additional information available

Advice for firefighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

Environmental precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.
Methods and material for containment and cleaning up: Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Reference to other sections: See Heading 8. Exposure controls and personal protection.

Section 7. Handling and Storage

Precautions for safe handling
Hygiene measures: Do not eat, drink, or smoke when using this product. Wash hands, forearms and face thoroughly after handling.

Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool, well ventilated place away from heat sources. Keep container closed when not in use.
Incompatible products: Strong bases; Strong acids.
Incompatible materials: Sources of ignition; Direct sunlight.
Section 8. Exposure Controls / Personal Protection

Control parameters: No additional information available

Exposure controls

Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Skin and body protection: Wear suitable protective clothing.
Respiratory protection: Wear appropriate mask.
Other information: Do not eat, drink or smoke during use.

Section 9. Physical and Chemical Properties

Physical State: Liquid
Appearance: Clear.
Color: Amber.
Odor: Amine-like.
Odor threshold: No data available
pH: 10
Relative evaporation rate (butyl acetate=1): No data available
Melting point: < 25°C
Freezing point: No data available
Boiling point: 100°C
Flash point: 100°C
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: < 0.01
Relative vapor density (20°C): No data available
Relative density: 0.98 - 1.02
Specific gravity/density: 0.908284 g/cm³
Solubility: Soluble in water.
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosion limits: No data available
Other information: No additional information available

Section 10. Stability and Reactivity

Reactivity: No additional information available
Chemical stability: Not established.
Possibility of hazardous reactions: Not established.
Conditions to avoid: Direct sunlight. Extremely high or low temperatures.
Incompatible materials: Strong acids. Strong bases.

Section 11. Toxicological Information

Information on toxicological effects
Acute toxicity - Oral: Harmful if swallowed.

Cocamidopropyl Dimethylamine (68140-01-2)
ATE CLP (oral): 500.000 mg/kg body weight

Skin corrosion/irritation: Causes severe skin burns and eye damage. (pH: 10)
Serious eye damage/irritation: Causes serious eye damage. (pH: 10)
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Potential Adverse human health effects and symptoms: Harmful if swallowed.
Symptoms/Injuries after skin contact: Causes skin irritation.
Symptoms/Injuries after eye contact: Causes serious eye damage.
Symptoms/Injuries after ingestion: Swallowing a small quantity of this material will result in serious health hazard.

Section 12. Ecological Information

Toxicity
Ecology - water: Very toxic to aquatic life.

Cocamidopropyl Dimethylamine (68140-01-2)
EC50 - Daphnia 1: 0.4 mg/l

Persistence and degradability: Not established.
Cocamidopropyl Dimethylamine (68140-01-2)

**BOD:** 65 % ThOD

**Biodegradation:** 80%

**Bioaccumulative potential:** Not established.

**Mobility in soil:** No additional information available

**Other adverse effects**

**Other information:** Avoid release to the environment.

### Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

### Section 14. Transport Information

**Transport Document Description:** UN3267 Corrosive Liquid, Basic, Organic, n.o.s. (Fatty acid Amide), 8, II

**UN-No.(DOT):** 3267

**DOT NA no.:** UN3267

**Proper Shipping Name (DOT):** Corrosive Liquid, Basic, Organic, n.o.s. (Fatty acid amide)

**Class (DOT):** 8 - Class 8 - Corrosive material 49 CFR 173.136

**Hazard labels (DOT):** 8 - Corrosive

**DOT Symbols:** G - Identifies PSN requiring a technical name

**Packing group (DOT):** II - Medium Danger


IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50°C (1.1 bar at 122°F), or 130 kPa at 55°C (1.3 bar at 131°F) are authorized T11 - 6

178.274(d)(2) Normal.............. 178.275(d)(3)

TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15°C (59°F) and 50°C (122°F), respectively

TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP

**DOT Packaging Exceptions (49 CFR 173.xxx):** 154

**DOT Packaging Non Bulk (49 CFR 173.xxx):** 202
DOT Packaging Bulk (49 CFR 173.xxx): 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 173.75): 30 L
DOT Vessel Stowage Location: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded
DOT Vessel Stowage Other: 40 - Stow "clear of living quarters", 52 - Stow "separated from" acids

Additional information
Emergency Response Guide (ERG) Number: 153
Other information: No supplementary information available.

TDG
Transport document description: UN3267 Corrosive Liquid, Basic, Organic, N.O.S., 8, II
UN-No. (TDG): UN3267
TDG Proper Shipping Name: Corrosive Liquid, Basic, Organic, N.O.S.
TDG Primary Hazard Classes: 8 - Class 8 - Corrosives
Packing group: II - Medium Danger
TDG Special Provisions: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a)UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S.; (b)UN1851, MEDICINE, LIQUID, TOXIC, N.O.S.; (c)UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S.; (d)UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.; or (e)UN3249, MEDICINE, SOLID, TOXIC, N.O.S. An example in Canada is the "Food and Drugs Act". (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a)UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b)UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS. SOR/2014-306
Explosive Limit and Limited Quantity Index: 1 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index: 1 L

ADR
Transport document description: UN 3267 Corrosive Liquid, Basic, Organic, N.O.S., 8, III, (E)
Packing group (ADR): III
Class (ADR): 8 - Corrosive substances
Hazard identification number (Kemler No.): 80
Classification code (ADR): C7
Hazard labels (ADR): 8 - Corrosive substances
Tunnel restriction code (ADR): E
LQ: 5l
Excepted quantities (ADR): E1

Transport by sea
UN-No. (IMDG): 3267
Proper Shipping Name (IMDG): Corrosive Liquid, Basic, Organic, N.O.S.
Class (IMDG): 8 - Corrosive substances
Packing group (IMDG): II - substances presenting medium danger

Air transport
UN-No. (IATA): 3267
Proper Shipping Name (IATA): Corrosive liquid, basic, organic, n.o.s.
Class (IATA): 8 - Corrosives
Packing group (IATA): II - Medium Danger

Section 15. Regulatory Information

US Federal Regulations: Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations
US - California - Proposition 65 - Carcinogens List: No
US - California - Proposition 65 - Developmental Toxicity: No
US - California - Proposition 65 - Reproductive Toxicity - Female: No
US - California - Proposition 65 - Reproductive Toxicity - Male: No
Non-significant risk level (NSRL)

Canada
Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification: Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 8/19/2016