Section 1. Product and Company Identification

Product Name: Lauramide DEA
CAS Number: 120-40-1

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
Category 2 - Skin Irritant
Category 2A - Severe Eye Irritant
Category 2 - Carcinogenicity
Category 2 - Hazardous to the aquatic environment

GHS Label Elements

Pictograms:

Signal word: DANGER

Hazard and precautionary statements
Hazard Statements
H315 H319: Causes skin and serious eye irritation.
H351: Suspected of causing cancer.
H401: Toxic to aquatic life
H412: Harmful to aquatic life with long-lasting effects

Precautionary Statements
Prevention
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P264: Wash ... thoroughly after handling
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response
P302+352: IF ON SKIN: Wash with plenty of water.
P305+ 351 + 338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313: If exposed or concerned: Get medical advice/attention.
P332+313: If skin irritation occurs: Get medical advice/attention.
P337+313: If eye irritation persists: Get medical advice/attention.
P362+364: Take off contaminated clothing and wash it before reuse.
Storage
P405: Store locked up.
Disposal
P50 1: Dispose of contents/container in accordance with local regulations.

HMIS Rating
Health: 2
Flammability: 1
Reactivity: 0
Personal Protection: B

Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lauramide DEA</td>
<td>120-40-1</td>
<td>&gt; 90%</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>&lt; 9%</td>
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</tbody>
</table>

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with a large amount of water for at least 15 minutes.
Skin Contact: In case of skin contact, wash thoroughly with soap and water.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion: Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Further medical: None

Section 5. Firefighting Measures

Suitable Extinguishing Media: Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).
Hazardous Combustion Products: Oxides of carbon and nitrogen.
Special Precautions: Wear self-contained breathing apparatus and protective gear.
Section 6. Accidental Release Measures

**Personal Precautions:** Wear appropriate protective equipment.

**Emergency Procedures:** Ensure adequate ventilation.

**Containment Methods/Materials:** Soak up with an absorbent material.

**Cleanup Procedures:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

Section 7. Handling and Storage

**Handling Precautions:** Normal precautions should be observed as for handling all chemicals.

**Storage Conditions:** Store in original sealed containers.

Section 8. Exposure Controls / Personal Protection

**Engineering Controls:** Provide effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation. Eye wash facilities and emergency shower must be available when handling this product.

**Eye/Face Protection:** Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield. Do not get in eyes.

**Skin Protection:** Wear appropriate chemical resistant clothing and gloves.

**Respiratory Protection:** No special protective equipment required.

**Exposure Limits**

- **OSHA PEL:** N/A
- **ACGIH TLV:** Diethanolamine (CAS 111-42-2) 1 mg/m³

Section 9. Physical and Chemical Properties

**Appearance:** 25°C Paste/45°C Liquid

**Flammability Limit:** N/A

**Odor:** Fishy, amine

**Vapor Pressure:** N/A

**Odor Threshold:** N/A

**Vapor Density (Air=1):** N/A

**pH (1% solution):** 9.0 - 9.75

**Rei. Density (Water = 1):** 0.98

**Melting Point:** N/A

**Boiling Point:** > 302°F

**Flash Point:** > 201°F

**Evaporation Rate:** N/A

**Flammability:** N/A

**Solubility:** Soluble

**Partition Coefficient:** N/A
Auto-Ignition Temp: N/A
Decomposition Temp: N/D
Viscosity (25°C): N/A

Section 10. Stability and Reactivity

Reactivity: Stable at room temperature, no reaction risk.
Chemical Stability: Stable under normal ambient temperature and conditions.
Conditions to Avoid: Keep away from heat, sparks, and flame. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Hazardous Decomposition: Oxides of carbon and nitrogen.

Section 11. Toxicological Information

Routes of Exposure
Eye: Severe Irritant
Skin: Can be absorbed through the skin. May be harmful in contact with skin. May Cause an allergic skin reaction.
Inhalation: Unknown
Ingestion: Unknown

Acute Oral Toxicity: LD50 Rat: 2000 - 5000 mg/kg
Acute Dermal Toxicity: LD50 Rabbit: > 2 g/kg
Exposure Effects: Components of the product may be absorbed into the body through the skin. Contact may irritate or burn eyes. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
Exposure Symptoms: Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. May cause redness and pain. Dermatitis. Rash.
Carcinogenicity: This chemical contains diethanolamine which is considered to be possibly carcinogenic to humans (Group 2B) by NTP, IARC, and OSHA.

Section 12. Ecological Information

Ecotoxicity Data
EC50 Algae: 23mg/L 72 hours
EC50 Daphnia: 38mg/L 48 hours
LC50 Fish: 31 mg/L 96 hours

Persistence and Degradation: Readily biodegradable
Bioaccumulative Potential: No data available. Accumulation in aquatic organisms is expected.
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

**UN Proper Shipping Name:** UN3082, Environmentally Hazardous Substances, liquid, N.O.S. (contains Diethanolamine), 9, PG III
**Transport Hazard Class:** Class 9 - Environmental Hazard
**Environmental Hazards:** Reportable Quantity (RQ) of this product is 1100 pounds based on Diethanolamine (111-42-2) which yielded the lowest resultant RQ according to the following formula: CERCLA ingredient RQ/% of that ingredient in the product. The proper shipping name only applies to the transportation of material in containers exceeding the RQ; all quantities below the RQ are unregulated.

Section 15. Regulatory Information

**TSCA Status:** Listed
**Prop 65:** Diethanolamine (CAS 111-42-2)
**Clean Air Act, Section 112:** This product does not contain any Hazardous Air Pollutants (HAPs).
**SARA 302 Extremely Hazardous Substance:** No
**SARA 311 Hazardous Substance:** Yes

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: 8/24/2015