

Section 1. Product and Company Identification

Product Name Lauramide DEA
CAS Number 120-40-1

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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

Common Name Lauramide DEA
CAS Number 120-40-1

COMPONENT	CAS NUMBER	CONCENTRATION
Lauramide DEA	120-40-1	> 90%
Diethanolamine	111-42-2	< 9%

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.
Incompatible Materials: Strong acids. Peroxides. Phenols.
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.

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