



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

MATERIAL SAFETY DATA SHEET

STEARYL ERUCAMIDE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrac: Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: August 2007

Synonyms: Stearyl Erucamide

CAS #: 10094-45-8

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Stearyl Erucamide

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A creamy white powder that presents little or no health hazard and no unusual hazard if involved in a fire. Avoid dusting and all possible sources of ignition (spark or flame) as possibility of explosion exists under dusty conditions.

POTENTIAL HEALTH EFFECTS:

Skin: Contact causes skin irritation.

Eyes: Contact causes eye irritation.

Inhalation: Dusts may cause irritation to respiratory passages.

Ingestion: May cause irritation to digestive tract including nausea, vomiting, and diarrhea.

CARCINOGENICITY: Not Listed

SECTION 4 - FIRST AID MEASURES

Skin: Immediately wash skin with soap and water for at least 15 minutes. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel skin. Seek medical attention for thermal burns.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Do not rub eyes. Seek medical attention immediately.

SECTION 4 - FIRST AID MEASURES Continued:

Inhalation: Remove to the fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

Ingestion: If swallowed, give milk or water to dilute. Seek immediate medical attention.

On All Of The Above: Consult a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: >212 °F (>100 °C).

Flammable Limits: No data available.

Extinguishing Media: Use alcohol foam, carbon dioxide or water spray.

Special Fire Fighting Procedures:

All firefighters should use full gear with self-contained breathing apparatus with full face shield operated in positive pressure mode.

Unusual Fire Explosion Hazard: Dust at sufficient concentrations can form explosive mixtures with air. Closed containers may explode and rupture when exposed to extreme heat.

Auto Ignition Temperature: No data available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment defined in Section 8. This material forms slippery surfaces on floors posing an accidental risk.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Do not breathe dust. Use normal personal hygiene and housekeeping.

Store in cool dry area away from other incompatible materials. Keep containers closed.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators with an organic cartridge or canister.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin and eyes from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION Continued:

EXPOSURE LIMITS:

Particles not otherwise classified – 15 mg/m³ (Time Weighted Average)

Total dust – 5 mg/m³ (Time Weighted Average)

Respirable fraction – (OSHA) 10mg/m³ (Time Weighted Average)

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Negligible

Vapor Density (AIR=1): Negligible

Specific Gravity (H₂O=1): Not Applicable

Percent Volatile by Volume (%): Not Applicable

Melting Point: 70 +/- 5 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Insoluble

pH: Not Applicable

Acid value = 3 max.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce oxides of carbon and nitrogen.

KEEP AWAY FROM: Strong oxidizing agents and elevated temperatures.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE: No data available.

Mutagenicity: Not Available

Reproductive Effects: Not Available

Teratogenic Effects: Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not listed

TCLP: No data available.

SECTION 14 - TRANSPORTATION INFORMATION

Land: Department of Transportation (DOT) SHIPPING NAME: Stearyl Erucamide - Not Regulated.

Air: International Air Transport Authority (IATA): Not Regulated

Sea: International marine Organization (IMO): Not Regulated

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Not listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance Not listed

Section 311/312 Hazard Category: Not considered a hazard.

SECTION 16 - OTHER INFORMATION

Hazardous Material and Information System rating (HMIS):

Ratings: Health =2 Flammability = 1 Reactivity = 0

Reason for Issue: Changed Date

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