



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

MATERIAL SAFETY DATA SHEET

STEARYL STEARAMIDE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

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

Date: August 2007

Synonyms: Octadecanamide, N-Octadecyl; Stearyl Stearamide

CAS #: 13276-08-9

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Stearyl Stearamide 100%

SECTION 3 - HAZARDS IDENTIFICATION

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.

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: Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 246 °C (474 °F)

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: Not Applicable

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.

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)

American Conference of Governmental Industrial Hygienists

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Available

Vapor Pressure (MM Hg): Negligible

Vapor Density (AIR=1): Negligible

Specific Gravity (H₂O=1): Not Available

Percent Volatile by Volume (%): Not Applicable

Melting Point: 90 ± 5 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Insoluble

pH: Not Applicable

Acid value: 8 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

Swallowing: Low acute toxicity; LD50 > 5,000 mg/kg in rats (male & female)

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

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Stearyl Stearamide

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 313 Toxic Chemicals: Not listed
Section 311/312 Hazard Category: Immediate health hazard.

SECTION 16 - OTHER INFORMATION

Hazardous Material and Information System rating (HMIS)

Ratings: Health = 1 Flammability = 1 Reactivity = 0

Reason for Issue: Changed Date

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all-inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.