



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

SODIUM STEARATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc.
135 Newbury Street
Framingham, MA 01701

Emergency Number: Chemtrec

800-424-9300

703-527-3887

Information Number:

800-238-0001

Revision Date: August 2007

Synonyms: Stearic Acid, Sodium Salt

CAS #: 822-16-2

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Sodium Stearate 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White powder, mild fatty odor.

Keep away from strong oxidizing agents, avoid dust, possible explosion exists.

POTENTIAL HEALTH EFFECTS: Can cause mild irritation to eyes and skin.

CARCINOGENICITY: Not listed under OSHA, IARC, NTP

SECTION 4 - FIRST AID MEASURES

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin Contact: Wash with detergent and water.

Inhalation: Remove to fresh air.

If Swallowed: Call a physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 177°C (350°F)

Flammable Limits: Not Applicable

Extinguishing Media: Dry chemical, water spray, carbon dioxide or foam.

Special Fire Fighting Procedures:

Wear self contained breathing apparatus and protective clothing.

Unusual Fire Explosion Hazard: Potential for dust explosion exists

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Sweep or scoop up using non-sparking equipment and place in double polyethylene bags. Isolate contaminated containers to a safe place for disposal.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use good personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials (oxidizing agents). Dust explosions can occur in the presence of an ignition source and high dust concentrations.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dusty use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: Total dust TWA 15 mg/m³. Respirable Fraction: 5mg/m³ (OSHA).

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): No data Available

Vapor Density (AIR=1): No Data Available

Specific Gravity (H2O=1): 1.02

Percent Volatile by Volume (%): No Data Available

Melting Point: 205°C (400°F)

Evaporation Rate (Butyl Acetate=1): No data available

Solubility in Water: Slightly

pH: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide and carbon dioxide from burning.

SECTION 11 - TOXICOLOGICAL INFORMATION

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

Sodium Stearate

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SECTION 14 - TRANSPORTATION INFORMATION

DOT HAZARD CLASS: Not Regulated

SECTION 15 - REGULATORY INFORMATION

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Unlisted

TSCA Status: Listed

SECTION 16 - OTHER INFORMATION

NFPA Hazard Rating

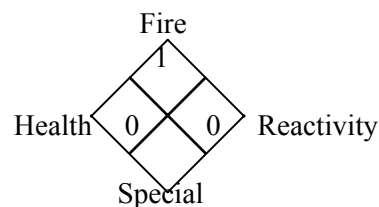
4 - Extreme

3 - High

2 - Moderate

1 - Slight

0 - Insignificant



Reason for change: Changed Date

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