



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

SODIUM DODECYL SULFATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

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

Revision Date: August 2007

Synonyms: Dodecyl Sulfate, Sodium Salt

CAS #: 151-21-3

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Sodium Dodecyl Sulfate 99.9% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White crystalline odorless powder.
Toxic fumes may develop in a fire.

POTENTIAL HEALTH EFFECTS:

Eyes & Skin: May cause mild irritation.

Inhalation: Dust can be irritating to mucous passages.

Ingestion: May be harmful if swallowed. May cause gastrointestinal irritation.

CARCINOGENICITY: Not listed under OSHA, IARC or NTP.

SECTION 4 - FIRST AID MEASURES

Skin: Wash with plenty of water.

Eyes: Flush with plenty of water for at least 15 minutes.

Inhalation: Remove to fresh air.

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Ingestion: If swallowed, wash out mouth with water. Consult a physician if necessary.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media:

Use media that is appropriate to treat surrounding fire with dry chemical or carbon dioxide.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard:

Toxic sulfur dioxide fumes may be emitted during a fire.

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

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: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): Not Known

Percent Volatile by Volume (%): Not Applicable

Melting Point: 204 - 207°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Moderate

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Dioxides
Keep away from cationic surfactants and acids.

SECTION 11 - TOXICOLOGICAL INFORMATION

ORAL-RAT LD₅₀ >1288 mg/kg

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

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

SECTION 16 - OTHER INFORMATION

Not Available

Reason for issue: Changed Date

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