



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

2,6-LUTIDINE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

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

Synonyms: 2,6-dimethylpyridine

CAS #: 108-45-5

DOT Hazard Class: Flammable liquid, UN 1993

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

2,6-Lutidine – 100%

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Oily, straw colored, flammable liquid with characteristic odor. Harmful if swallowed, inhaled or absorbed through the skin. Can cause severe eye and skin irritation.

POTENTIAL HEALTH EFFECTS:

Skin: Causes irritation and may be absorbed through the skin.

Eyes: Can cause severe eye irritation.

Inhalation: Vapor or mist is irritating to the mucous membrane and upper respiratory tract.

Ingestion: No information found, but could be harmful if ingested.

CHRONIC EFFECTS: No information found.

CARCINOGENICITY: Not listed or established under OSHA, IARC, or NTP.

SECTION 4 - FIRST AID MEASURES

Skin: Immediately wash skin with soap and water for at least 15 minutes.

Eyes: Immediately flush with plenty of water for at least 15 minutes, holding eye lids apart.

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

2,6-Lutidine

Ingestion: Wash mouth out with water. Call a physician immediately.
On All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 37°C (99°F)

Flammable Limits: Not Available

Extinguishing Media: Use dry chemical foam, carbon dioxide.

Special Fire Fighting Procedures: Use self-contained breathing apparatus and full fire-fighting turnout gear. Avoid contact with skin.

Unusual Fire Explosion Hazard: Above flash point, explosive air-vapor mixture may be formed.

Auto Ignition Temperature: Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Remove all sources of ignition. Contain spilled liquid with sand or earth. Place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Wear protective equipment when handling material. Use with adequate ventilation. Avoid breathing vapors/mist. Store in cool dry area away from other incompatible materials. Outside or detached storage is preferable. Keep away from strong acid bases.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate vapors/mist from the work area. Use a local exhaust system which captures the contaminant.

SKIN AND EYE PROTECTION:

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

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from vapors/mist, safety showers and/or eyewash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 144°C (291°F)

Vapor Pressure (MM Hg): Not available

Vapor Density (AIR=1): Not available

Specific Gravity (H₂O=1): 0.923 @ 20°C

Percent Volatile by Volume (%): Not available

Melting Point: Not applicable

Evaporation Rate (Butyl Acetate=1): Not available

Solubility in Water: Complete

pH: Not Available

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

KEEP AWAY FROM: Acids, Acid Chlorides, Oxidizers and Chloroformates.

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀ RAT 400-800 mg/kg

LD₁₀₀ RAT 7500/1.2 hrs.

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

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

RCRA WASTE #: Not

SECTION 14 - TRANSPORTATION INFORMATION

2,6-Lutidine

D.O.T. SHIPPING NAME:.....Flammable Liquid NOS
TECHNICAL SHIPPING NAME:.....2,6-Lutidine
U.N./N.A. NUMBER.....1993
D.O.T. HAZARD CLASS AND GROUP NUMBER.... 3, PG III
D.O.T. LABEL/PLACARD.....Flammable Liquid
PRODUCT LABEL..... Flammable Liquid

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: Unlisted
Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Fire Hazard, Immediate (acute) Health Hazard.

SECTION 16 - OTHER INFORMATION

HMIS Rating: Health 3 Flammability 3 Reactivity 0

Reason for Issue: Changed Date

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