



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

MATERIAL SAFETY DATA SHEET

4-ISOPROPYLPHENOXYACETYL CHLORIDE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

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| 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: None Known

CAS #: None - Research Chemical

DOT Hazard Class: Corrosive UN1760

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

4-Isopropylphenoxyacetyl Chloride 99.5% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Clear yellow corrosive liquid that may cause burns or irritation upon contact. Keep away from water.

POTENTIAL HEALTH EFFECTS:

Eyes and Skin: Avoid contact. Will cause burns on contact.

Inhalation: Will cause burns/irritation to the upper respiratory tract.

Ingestion: Harmful if swallowed.

Target Organs: Skin, eyes, respiratory tract.

CARCINOGENICITY: Not Known

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.

Ingestion: Wash out mouth with water.

On All Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Known - boils at 100°C @ 10 mm

Flammable Limits: Not Known

Extinguishing Media: Carbon dioxide, dry chemical powder - DO NOT USE WATER.

Special Fire Fighting Procedures: All firefighters should use self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire Explosion Hazard: Water hydrolyzes material, liberating acidic gas, which can generate flammable hydrogen gas upon contact with metal surfaces.

Auto Ignition Temperature: Not Known

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spilled liquid with sand, dry lime or soda ash. 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. Use with adequate ventilation. Avoid breathing fumes or vapors. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate vapors/fumes from the work area.

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

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from vapors/fumes, 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 LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 100°C @ 10 mm

Vapor Pressure (MM Hg): Not Known

Vapor Density (AIR=1): Not Known

Specific Gravity (H2O=1): 1.11 @ 20°C

Bulk Density: Not Applicable

Percent Volatile by Volume (%): Not Known

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Known

Solubility in Water: Not Applicable

pH: Not Known

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated or burned emits toxic fumes, carbon monoxide, carbon dioxide and hydrogen chloride gas.

KEEP AWAY FROM: Water, alcohol, oxidizing agents and strong bases.

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

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME:.....Corrosive liquids N.O.S.
TECHNICAL SHIPPING NAME:....4-Isopropylphenoxyacetyl Chloride
U.N./N.A. NUMBER.....1760
D.O.T. HAZARD CLASS AND GROUP NUMBER...Class 8, Group II
D.O.T. LABEL/PLACARD.....Corrosive
PRODUCT LABEL.....Corrosive

SECTION 15 - REGULATORY INFORMATION

TSCA STATUS: Not Listed

CERCLA REPORTABLE REQUIREMENTS: Research. Never investigated.

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Research. Never investigated.

Section 313 Toxic Chemicals: Research. Never investigated.

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

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

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