



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

MALIC ACID

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 17 Strathmore Road Natick, MA 01760	Emergency Number: Chemtrec Information Number: 800-238-0001	800-424-9300 703-527-3887
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Date: August 2007

Synonyms: None Known

CAS #: 617-48-1

DOT Hazard Class: Not regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Malic Acid - 100%

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

It presents little or no health hazard and no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS:

Skin: May cause skin irritation.

Eyes: May cause irritation or burning.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: Not a hazard with normal industrial usage.

CARCINOGENICITY: Not Identifiable

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.

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): 1.609

Percent Volatile by Volume (%): Not Applicable

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: 56% at 68°F (20°C)

pH: Not Applicable

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

KEEP AWAY FROM: Strong oxidants, strong bases, Amines, Carbonates, Alkali Metals.

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.

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Malic Acid

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: Not considered a Hazard.

SECTION 16 - OTHER INFORMATION

HMIS: Health- 1
 Flammability- 1
 Reactivity- 0

Reason for Issue: Changed Date

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