



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

CALCIUM ACETATE

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: Brown Acid of Lime; Calcium Diacetate; Acetic Acid, Calcium Salt

CAS #: 62-54-4

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Calcium Acetate 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White agglomerate or powder with slight acetic odor.
An acute health hazard - may cause irritation of eyes & skin.

POTENTIAL HEALTH EFFECTS:

None Known other than mild irritation to eyes, skin and respiratory system, if inhaled.

Target Organs None Known

CARCINOGENICITY: Not Listed under OSHA, IARC or NTP.

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air.

Eyes: Flush with water for at least 15 minutes.

Calcium Acetate

Skin: Flush with water.

Ingestion: If swallowed, wash out mouth with plenty of water, Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures:

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

Unusual Fire Explosion Hazard:

Decomposes at 320°F to form acetone. Dust can possibly be an explosion hazard.

Auto Ignition Temperature: 320°F

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: 324°C (615°F)

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): 1.50

Percent Volatile by Volume (%): Not Applicable

Melting Point: 445°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Complete

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Acetone and Calcium Carbonate
Keep away from strong oxidizing agents.

SECTION 11 - TOXICOLOGICAL INFORMATION

Not available

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

EMPTY CONTAINERS: 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

Reason for issue: Changed Date

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