



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

MATERIAL SAFETY DATA SHEET

CALCIUM CHLORIDE ANHYDROUS FCC

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
---	---	--

Revision Date: August 2007

Synonyms: None

CAS #: 10043-52-4

DOT Hazard Class: Not Applicable

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Calcium Chloride Anhydrous 100%

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White deliquescent granular, flake or powder, odorless. Irritant to eyes, skin and respiratory systems. Avoid inhalation of dust.

POTENTIAL HEALTH EFFECTS:

Inhalation: Dust may irritate nose, throat and lungs.

Skin: May cause irritation, prolonged use in contact with moisture may result in superficial burns.

Eyes: May cause irritation or burning.

Ingestion - Low in toxicity may irritate gastrointestinal tract.

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

SECTION 4 - FIRST AID MEASURES

Inhalation: -Remove to fresh air, get medical attention.

Ingestion: If swallowed give water or milk as soon as possible. Call a Physician.

Skin: Remove contaminated clothing, wipe off excess from skin with plenty of water.

Eye Wash with plenty of water for at least 15 minutes. Get medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Non Flammable

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: None Known

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 non metal 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. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is hygroscopic and should be stored in a dry area to prevent moisture pick up and caking. Keep work area free of dust deposits. Will pick up moisture and make surface area slippery.

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

Calcium Chloride Anhydrous FCC

AMERICAN INTERNATIONAL CHEMICAL, INC. 800 238 0001

Page 2 of 4

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 1600°C or 2912°F

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): 2.15

Bulk Density: Varies according to particle size.

Percent Volatile by Volume (%): Not Applicable

Melting Point: 772°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Complete

pH: A water solution is neutral or slightly alkaline.

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known.

KEEP AWAY FROM: Sulfur or phosphoric Acids.

SECTION 11 - TOXICOLOGICAL INFORMATION

Low in toxicity LD₅₀ (Rat) 1.4 g/kg*

*Anhydrous basis

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:.....Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):
This product is listed on the TSCA Inventory.

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: Immediate (acute) Health Hazard.

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.
