



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

MAGNESIUM OXIDE

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: July 2010

Synonyms: Magnesia, Magnesite (Calcined)

CAS #: 1309-48-4

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Magnesium Oxide (100%)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White, odorless powder/granular. Will cause irritation to eyes, respiratory tract and skin.

POTENTIAL HEALTH EFFECTS:

Inhalation: Inhalation of dust can cause nasal and respiratory irritation.

Eyes: Can cause irritation, redness and pain.

Skin: Can cause irritation and redness.

Ingestion: Can cause diarrhea.

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

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh air. If condition continues, seek immediate medical advice.

Eyes: Do not rub, wash under slowly running water for at least 15 minutes if irritation persists, consult a physician.

Skin: Remove from source of irritation. Wash thoroughly with mild soap.

Ingestion: Treat symptomatically. If bowel obstruction occurs, seek immediate medical advice. If symptoms persist, consult a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable (non-combustible solid)

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 disposal container, taking care not to raise dust. 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 slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

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.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION cont'd

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Incinerate at an authorized facility or treat at an acceptable waste treatment facility. In all cases, dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME:.....Magnesium Oxide

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):

State: 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

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