Material Safety Data Sheet

MAGNESIUM OXIDE 54%

Universal Cooperatives, Inc.
1300 Corporate Center Curve
Eagan, MN 55121

Company Contact: Hazard Information Services
Telephone Number: (800) 228-5635 Ext. 138

Emergency Contact: Chemtrec
Emergency Phone Number: (800) 424-9300

SECTION #1 - IDENTIFICATION

Product: Magnesium Oxide/Calcined Magnesite

SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS

Component: N/A

SECTION #3 - PHYSICAL DATA

Specific Gravity: 60 to 70 lbs.
Packing Density: 58 to 65 lbs. per cubic ft.
Solubility (H2O): 6.2 mg/1

Appearance - Very light tan to very light pine

Odor - No odor

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Fire and Explosion Hazards - This product is not combustible

Special Fire Fighting Instructions - None - will not burn

SECTION #5 - EXPOSURE EFFECTS and FIRST AID

Route of Exposure - Inhalation - Dusts may cause irritation to upper tract.

First Aid - Inhalation - Remove to fresh air

Route of Exposure - Skin - Prolonged or repeated exposure not likely to cause significant skin irritation. May cause more severe response if confined to skin or skin is scratched or cut.

First Aid - Skin - Remove contaminated clothing and immediately wash skin with soap and water.

Route of Exposure - Eyes - May cause very slight temporary corneal injury. May cause moderate eye irritation.

First Aid - Eyes - Immediately flush thoroughly with water.

Route of Exposure - Ingestion - Magnesium Oxide is not toxic by swallowing.

First Aid - Ingestion - Magnesium Oxide is not toxic by swallowing.
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Miscellaneous Toxicological Information - Magnesium Oxide in the dry form should be considered a nuisance dust with a TLV TWA of 5 mg/m³ respirable dust.

Health Conditions Aggravated by Exposure

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: The material is a stable material. It does not polymerize. This material can absorb CO₂ and H₂O from the air. It reacts slowly with water and readily with acids generating heat and steam. There are no hazardous decomposition products.

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES

Steps to be taken in the event of spills, leaks, or release - Sweep or vacuum material into suitable container.

Waste Disposal Methods - Non-biodegradable. Dispose of in accordance with local, state and federal regulations.

SECTION #8 - SPECIAL PROTECTIVE MEASURES

Eye Protection - Safe glasses/goggles

Skin Protection - Wear clothing with long sleeves

Respiratory protection - Wear NIOSH approved respiratory protection in dust area

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING

Storage & Handling Conditions - Keep dry at all times

SECTION #10 - SHIPPING INFORMATION

Packaging Requirements:

SECTION #11 - OTHER INFORMATION

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