

**Material Safety Data Sheet**Page 1  
Rev. Date

Magnesium Oxide 54%

Universal Cooperatives, Inc.  
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Eagan, MN 55121Company Contact: Hazard Information Services  
Telephone Number: (800) 228-5635 Ext. 138Emergency 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 (H<sub>2</sub>O): 6.2 mg/lAppearance - Very light tan to very light pineOdor - No odor**SECTION #4 - FIRE FIGHTING & EXPLOSION DATA**Fire and Explosion Hazards - This product is not combustibleSpecial 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 airRoute 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.

Miscellaneous Toxicological Information - Magnesium Oxide in the dry form should be considered a nuisance dust with a TLV TWA of 5 mg/m<sup>3</sup> 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 CO<sup>2</sup> and H<sub>2</sub>O 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****DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES**

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