



# CHEM057

Y SCHOOLS

215 S.E. 6th Ave.  
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

IN 0046

MANUFACTURER: EM SCIENCE  
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## SECTION I. MATERIAL IDENTIFICATION

Common/Trade Name: Magnesia  
Chemical Name: Magnesium Oxide  
Chemical Family: Alkaline Oxide

## SECTION II. HAZARDOUS INGREDIENTS

Ingredients:	%	TLV Units
Not given.	Not given	Not given

## SECTION III. PHYSICAL DATA

Boiling Point: Not given	Specific Gravity (Water=1): 3.65-3.75
Vapor Pressure (mm Hg): Not given	Percent Volatile (By Volume): None
Vapor Density (Air=1): Not given	Evaporation Rate (Bu.Ac.=1): Not given.
Solubility in Water: very slightly soluble	
Appearance and Odor: White, odorless powder	

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A	Flammable Limits: Not given
Extinguishing Media: Not given.	
Special Fire Fighting Procedures: Not given.	
Unusual Fire and Explosion Hazards: Not given.	

## SECTION V. HEALTH HAZARD DATA

Threshold Limit Value: 10 ppm (fume)  
 Effects of Overexposure: Not given.  
 Eyes: Not given.  
 Skin: Not given.  
 Breathing: May result in febrish reaction and leukocytosis.  
 Swallowing: Not given.  
 Emergency and First Aid Procedures:  
 Eyes: Not given.  
 Skin: Not given.  
 Breathing: Remove to fresh air and get medical attention.

Swallowing: Not given.

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SECTION VI. REACTIVITY DATA

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Stability: Stable

Conditions To Avoid: Not given.

Incompatible With:  $\text{PCl}_5$  (reacts violently)

Hazardous Decomposition Products: Not given.

Hazardous Polymerization: Not given.

Conditions To Avoid: Not given.

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SECTION VII. SPILL OR LEAK PROCEDURES

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Procedures In Case of Spill or Leak: Sweep up and dispose properly.

Waste Disposal: To be performed in compliance with all current local, state, and federal regulations.

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SECTION VIII. SPECIAL PROTECTION INFORMATION

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Type of Respiratory Protection: Dust respirator may be required if dust concentration is high.

Ventilation: Exhaust ventilation required.

Protective Gloves: Protective gloves required.

Eye Protection: Safety goggles required.

Other Protective Equipment: Not given.

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SECTION IX. SPECIAL PRECAUTIONS

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Handling/Storage Precautions: Not given.

Other Precautions: Not given.

Preparation Date: 8/81