



CHEM057

Y SCHOOLS

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

MATERIAL SAFETY DATA SHEET

IN 0046

MANUFACTURER: EM SCIENCE
111 Woodcrest Road
PO Box 5018
Cherry Hill, NJ 08034-395

EMERGENCY TELEPHONE NO:
609/354-9200
1-(800)-424-9300 Chemtrec

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	
Solubility in Water: very slightly soluble	Evaporation Rate (Bu.Ac.=1): Not given.
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.

SECTION VI. REACTIVITY DATA

Stability: Stable

Conditions To Avoid: Not given.

Incompatible With: PCl_5 (reacts violently)

Hazardous Decomposition Products: Not given.

Hazardous Polymerization: Not given.

Conditions To Avoid: Not given.

SECTION VII. SPILL OR LEAK PROCEDURES

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.

SECTION VIII. SPECIAL PROTECTION INFORMATION

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.

SECTION IX. SPECIAL PRECAUTIONS

Handling/Storage Precautions: Not given.

Other Precautions: Not given.