

KEYLATE® MAGNESIUM (3%)

Material Safety Data Sheet (rev.01/05)

SECTION I PRODUCT IDENTIFICATION

	NFPA HAZARD RATINGS
	HEALTH HAZARD 0 FIRE HAZARD 0 REACTIVITY 0
	SARA/ TITLE III HAZARD CATEGORIES (See Section IX)
	Immediate (ACUTE) Health: none Reactive Hazard: none
	Delayed (Chronic) Health: none Fire Hazard: none Sudden Release of Pressure: not applic
Company Name:	STOLLER USA, INC.
Address:	4001 W. Sam Houston Parkway, N., Suite 100 Houston, Texas 77043-1226 U.S.A.
Emergency Phone Number:	CHEMTREC: In the U.S. and Canada call Toll-free: 1(800)424-9300 From other countries call collect: 1(703)527-3887
Phone Number for Information:	1(800)539-5283 or 1(713)461-1493
Chemical Family:	Metallic Oxide
Chemical Name & Synonyms:	calcined magnesite, calcined brucite, calcined magnesia, magnesia, periclase.
Trade name & Synonyms:	KEYLATE® MAGNESIUM (3%)

SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS

INGREDIENTS:	CAS#	Approx. %	TLV
Manganese Oxide		5%	
Magnesium Oxide	1309-48-4		
Dimethyl Aminopropylamine	109-55-7	1%	
Monoethanolamine	141-43-5	13%	

SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	220°F	VAPOR PRESSURE (mm/ Hg):	
MELTING POINT:	N/ A	VAPOR DENSITY (air = 1):	2.1
SPECIFIC GRAVITY:	1.2	REACTIVITY IN WATER:	N/ A
SOLUBILITY IN WATER:	100%	EVAPORATION RATE:	0.1
APPEARANCE AND ODOR:	clear yellow solution, no odor.		

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT:	NOT ESTABLISHED	LEL:	UEL:
FLAMMABLE LIMITS:	NOT ESTABLISHED		
EXTINGUISHER MEDIA:	Non- combustible. Use extinguishing media appropriate to surrounding fire conditions.		
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self- contained breathing apparatus and protective clothing.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	May emit toxic fumes under fire conditions.		

SECTION V**PHYSICAL HAZARDS (REACTIVITY DATA)**

STABILITY:
CONDITIONS TO AVOID:
HAZARDOUS DECOMPOSITION PRODUCTS:
HAZARDOUS POLYMERIZATION:
MAY OCCUR: **WILL NOT OCCUR: X**

Stable: Yes Unstable:
Stable under normal conditions.
None
WILL NOT OCCUR

SECTION VI**HEALTH HAZARDS**

- A. EXPOSURE LIMITS:**
1. OSHA Permissible Exposure Limit (PEL): NOT ESTABLISHED
2. Threshold Limit Value (TLV): NOT ESTABLISHED
- B. CARCINOGEN OR POTENTIAL CARCINOGEN:**
- C. EFFECTS OF OVEREXPOSURE:**
1. **ACUTE:**
EYES: May cause irritation.
SKIN: MAY IRRITATE SKIN
INHALATION: N/ A
INGESTION: May cause thirst, pain, nausea, vomiting and diarrhea.
- D. EMERGENCY FIRST AID PROCEDURES:**
EYES: Flush with water for at least 15 minutes.
SKIN: Wash with soap and water.
INHALATION: N/ A
INGESTION: Drink several glasses of water. Induce vomiting by introducing finger down throat.
- E. ANIMAL TOXICITY DATA:**N/ A
F. ADDITIONAL INFORMATION:N/ A

SECTION VII**SPECIAL PRECAUTIONS & SPILL/ LEAK PROCEDURES**

HANDLING AND STORAGE:Keep containers closed and away from oxidizing agents. Store only in shipping container: Bulk material should be stored in Polyethylene Tanks with PVC fittings.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED: It is necessary to contain spill into the smallest area possible by diking, etc., replace liquid into plastic container. If liquid is absorbed onto dry carrier such as soil or absorbent material, then this material should be put in covered labeled containers and dispose of as a dry waste.

WASTE DISPOSAL METHODS: Not considered a hazardous waste, epa waste numbers are not applicable, disposal by controlled incineration or secure landfill may be acceptable.

SECTION VIII**SPECIAL PROTECTION / CONTROL MEASURES**

LOCAL EXHAUST: Provide general or local exhaust ventilation.

SPECIAL VENTILATION: Not applicable.

PROTECTIVE GLOVES: Wear protective clothing impervious to this material.

EYE PROTECTION: Use chemical goggles. Use full- face respirator when there is any likelihood of splashes.

OTHER SPECIAL CLOTHING/ EQUIPMENT: Eye wash fountain should be located in immediate work area.

WORK/ HYGIENIC PRACTICES: N/ A

SECTION IX**ENVIRONMENTAL EFFECTS DATA**

To aid our customers in complying with regulatory requirements, SARA Title III hazard categories for this product are indicated in Section I. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40 CFR Part 370. Please consult those regulations for details. NO POTENTIAL FOOD CHAIN CONCENTRATION.

SECTION X**TRANSPORTATION DATA**

PROPER SHIPPING NAME: KEYLATE® MAGNESIUM

DOT HAZARD CLASS: Non- Hazardous Material; Non- Regulated Material

PLACARD: N/ A

Stoller Enterprises, Inc., believes the information contained in this material safety data sheet is accurate based on the information supplied by reputable suppliers of our raw materials. The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.