

WHITE LABEL™ Magnesium

Material Safety Data Sheet (rev.01/05)

SECTION I PRODUCT IDENTIFICATION

	NFPA HAZARD RATINGS
	HEALTH HAZARD 1 FIRE HAZARD 0 REACTIVITY 0
	SARA/ TITLE III HAZARD CATEGORIES (See Section X)
	Immediate (ACUTE) Health: No Reactive Hazard: No
	Delayed (Chronic) Health: No Fire Hazard: No Sudden Release of Pressure: No
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:	Organic salt solution
Chemical Name & Synonyms:	N/ A. Mixture
Formula:	Proprietary
Trade name & Synonyms:	White Label Magnesium

SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS

INGREDIENTS:	CAS#	Approx. %	TLV
Manganese Sulfate	10034-99-8	50%	N/ E

SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	212°F	VAPOR PRESSURE (mm/ Hg):	
MELTING POINT:	N/ A	VAPOR DENSITY (air = 1):	N/ A
SPECIFIC GRAVITY:	1.26	REACTIVITY IN WATER:	None
SOLUBILITY IN WATER:	>99%	EVAPORATION RATE:	N/ A
APPEARANCE AND ODOR:	Brown in color, slightly acrid odor.		
PERCENT VOLATILE BY VOLUME:	N/ A		

SECTION IV FIRE AND EXPLOSION DATA

FLASH POINT:	N/ A		
FLAMMABLE LIMITS:	N/ A	LEL: Not established	UEL: Not established
EXTINGUISHER MEDIA:	Water, CO ₂ , or dry chemicals.		
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self- contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Toxic fumes may be generated at elevated temperatures.		

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

STABILITY:	Stable: Yes	Unstable:
CONDITIONS TO AVOID:	N/ A	
INCOMPATIBILITY, MATERIALS TO AVOID:	Oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS:	SO ₂ if heated above 300°C	
HAZARDOUS POLYMERIZATION:	not known	
MAY OCCUR: X	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 or ulceration.
SKIN: May cause irritation.
INHALATION: May cause irritation. May cause pulmonary edema at high exposure rates.
INGESTION: Nausea, vomiting, diarrhea.
 2. **CHRONIC:** Not known.
- D. EMERGENCY FIRST AID PROCEDURES:**
- EYES:** Rinse thoroughly with running water for 15 minutes. Seek medical attention.
SKIN: Wash thoroughly with soap and water. Rinse thoroughly. Seek medical attention if inflammation occurs. Do not attempt to neutralize with chemicals.
INHALATION: Remove from exposure area. If irritation exists from mists, or in the event of massive inhalation, seek medical attention.
INGESTION: Give at least 2 glasses of milk or water and induce vomiting. Seek medical attention.
- E. ANIMAL TOXICITY DATA:** Magnesium sulfate LD50 (oral/ mouse): 980 mg/ kg
- F. ADDITIONAL INFORMATION:** N/ A

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

- HANDLING AND STORAGE:** Since emptied packages retain product residue follow label warnings even after package is emptied.
- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:** Collect and contain for salvage and disposal. Absorb waste on inert media and dispose of as a solid waste.
- WASTE DISPOSAL METHODS:** Landfill in compliance with all federal, state and local laws concerning health and environment.

SECTION VIII**SPECIAL PROTECTION / CONTROL MEASURES**

- RESPIRATORY PROTECTION:** As required by conditions. Use an OSHA or NIOSH approved respirator, if required.
- VENTILATION:** General ventilation is usually adequate.
- PROTECTIVE GLOVES:** Safety glasses should be worn in any type of operation.
- WORK/ HYGIENIC PRACTICES:** An eye bath and washing facilities should be available. Wash thoroughly after handling. Do not smoke when handling chemicals.

SECTION IX**ENVIRONMENTAL EFFECTS DATA**

No environmental impact studies have been performed with this product. A review of the information available on the ingredients does not indicate any potential hazard to the environment under anticipated conditions of storage, handling or usage.

SECTION X**TRANSPORTATION DATA**

PROPER SHIPPING NAME: White Label Magnesium

DOT HAZARD CLASS: Non hazardous - non regulated

PLACARD: N/ A

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