

SECTION I

PRODUCT IDENTIFICATION

NFPA HAZARD RATINGS	
HEALTH HAZARD 1	FIRE HAZARD 0
REACTIVITY 0	
Based on the National Fire Protection Association rating system (0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Severe)	
SARA/ TITLE III HAZARD CATEGORIES	
Immediate (ACUTE) Health: NO	Reactive Hazard: NO
Delayed (Chronic) Health: YES	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:	NA - Mixture
Chemical Name & Synonyms:	Mixture of Magnesium Sulfate into complexing agent.
Formula:	Proprietary
Trade name & Synonyms:	Key Feeds DF Magnesium

SECTION II

COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS#	Approx. %	TLV
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SECTION III

HAZARD IDENTIFICATION

<p>A. EXPOSURE LIMITS:</p> <p>1. OSHA Permissible Exposure Limit (PEL): N/A</p> <p>2. Threshold Limit Value (TLV): N/A</p> <p>B. CARCINOGEN OR POTENTIAL CARCINOGEN:</p> <p>1. NPT: NO</p> <p>2. IARC: NO</p> <p>3. OSHA: NO</p> <p>C. EFFECTS OF OVEREXPOSURE: SIGNS & SYMPTOMS NOF EXPOSURE:</p> <p>Possible irritation to eyes, nose and throat. Large doses may cause nausea, vomiting and diarrhea. Systemic oral toxicity is extremely rare and has consisted of acidosis and hypocalcemia tetanus.</p> <p>1. ACUTE:</p> <p>EYES: N/A</p> <p>SKIN: N/A</p> <p>INHALATION: N/A</p> <p>INGESTION: N/A</p> <p>D. ADDITIONAL INFORMATION:Decontamination procedure: Wash with water.</p>
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SECTION IV

FIRST- AID MEASURES

<p>A. EMERGENCY FIRST AID PROCEDURES:</p> <p>EYES: Rinse thoroughly with water. If irritation occurs and persists, obtain medical attention.</p> <p>SKIN: Wash thoroughly with soap and water.</p> <p>INHALATION: Remove victim from exposure to fresh air. If breathing difficulties occur, get medical attention.</p> <p>INGESTION: Rinse mouth and dilute stomach contents with water, or preferably with milk if available if victim is conscious. Seek medical attention.</p> <p>B. ANIMAL TOXICITY DATA: N/A</p> <p>C. ADDITIONAL INFORMATION: Decontamination procedure: Wash with water.</p>

SECTION V

FIRE AND EXPLOSION DATA

FLASH POINT:	Non Flammable		
FLAMMABLE LIMITS:	Non Flammable	LEL:	UEL:
EXTINGUISHER MEDIA:	All methods necessary to fight surrounding fire.		
SPECIAL FIRE FIGHTING PROCEDURES:	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A		

SECTION VI

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED: Material should be contained and placed in dry containers. The material can be disposed of by spreading on the soil as a fertilizer not to exceed 80 lbs per acre.

SECTION VII

HANDLING AND STORAGE

Store in dry area for product quality assurance. Material is hygroscopic.

SECTION VIII

SPECIAL PROTECTION / CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH/ MSHA approved respirator if airborne dust is expected.
VENTILATION: Suggested
WORK/ HYGIENIC PRACTICES: Usual good warehouse keeping procedure. Wash thoroughly after handling.

SECTION IX

PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	Not Known	VAPOR PRESSURE (mm/ Hg):	Non volatile
MELTING POINT:	253° C	VAPOR DENSITY (air = 1):	Non volatile
SPECIFIC GRAVITY:	1.95	REACTIVITY IN WATER:	N/ A
SOLUBILITY IN WATER:	Complete.	EVAPORATION RATE:	N/ A
APPEARANCE AND ODOR:	Brown powder with sweet odor.		
PERCENT VOLATILE BY VOLUME:		N/ A	
OTHER:	Insoluble in Alcohol.		

SECTION X

PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY:	Stable: Yes	Unstable:
CONDITIONS TO AVOID:	None	
INCOMPATIBILITY, MATERIALS TO AVOID:	None	
HAZARDOUS DECOMPOSITION PRODUCTS:	None	
POLYMERIZATION CONDITIONS TO AVOID:	None	
MAY OCCUR:		
WILL NOT OCCUR: X		

SECTION XI**TOXICOLOGICAL INFORMATION**

- A. **TOXICITY DATA:**
- B. **CARCINOGENICITY:**
- C. **MUTAGENICITY:**
- D. **REPRODUCTIVE TOXICITY:**

SECTION XII**ENVIRONMENTAL EFFECTS DATA**

N/A

SECTION XIII**DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS: Consult Federal, State, and local regulations.

SECTION XIV**TRANSPORTATION DATA**

PROPER SHIPPING NAME: Key Feeds DF Magnesium

DOT HAZARD CLASS: Non Regulated

PLACARD: None

IATA Proper Shipping Name: N/A

IMO Proper Shipping Name: N/A

UN: None

Label Requirement: None