

KEYLATE® IRON (5%)

Material Safety Data Sheet (rev.01/05)

**SECTION I PRODUCT IDENTIFICATION**

	<b>NFPA HAZARD RATINGS</b>
HEALTH HAZARD non- toxic	FIRE HAZARD non- combus      REACTIVITY stable
<b>SARA/ TITLE III HAZARD CATEGORIES (See Section IX)</b>	
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 sulfates
Chemical Name & Synonyms:	Ferrous monosulfate, iron (ii) sulfate, copperas
Formula:	See SECTION II COMPOSITION/ INGREDIENTS INFORMATION
Trade name & Synonyms:	<b>KEYLATE IRON (5%)</b>

**SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS**

INGREDIENTS:	CAS#	Approx. %	TLV
Iron Sulfate	7782-63-0	>20	

**SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS**

<b>BOILING POINT:</b>	N/ A	<b>VAPOR PRESSURE (mm/ Hg):</b>	
<b>MELTING POINT:</b>	N/ A	<b>VAPOR DENSITY (air = 1):</b>	N/ A
<b>SPECIFIC GRAVITY:</b>	N/ A	<b>REACTIVITY IN WATER:</b>	N/ A
<b>SOLUBILITY IN WATER:</b>	N/ A	<b>EVAPORATION RATE:</b>	0.1
<b>APPEARANCE AND ODOR:</b>	N/ A		

**SECTION IV FIRE AND EXPLOSION DATA**

<b>FLASH POINT:</b>	NOT ESTABLISHED		
<b>FLAMMABLE LIMITS:</b>	NOT ESTABLISHED	<b>LEL: NOT ESTABLISHED</b>	<b>UEL: NOT ESTABLISHED</b>
<b>EXTINGUISHER MEDIA:</b>	NONE		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	NONE		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	NONE		

**SECTION V****PHYSICAL HAZARDS (REACTIVITY DATA)****STABILITY:****CONDITIONS TO AVOID:****INCOMPATIBILITY, MATERIALS TO AVOID:****HAZARDOUS DECOMPOSITION PRODUCTS:****HAZARDOUS POLYMERIZATION:****MAY OCCUR:****WILL NOT OCCUR: X**

Stable: Yes

Unstable:

Stable under normal conditions.

Strong basis, oxidizing materials, carbonates.

None

WILL NOT OCCUR

**SECTION VI****HEALTH HAZARDS****A. EXPOSURE LIMITS:**

1. OSHA Permissible Exposure Limit (PEL): Not determined

2. Threshold Limit Value (TLV): Not determined

**B. CARCINOGEN OR POTENTIAL CARCINOGEN:****C. EFFECTS OF OVEREXPOSURE:**1. **ACUTE:****EYES:** MAY IRRITATE.**SKIN:** MAY IRRITATE SKIN.**INHALATION:** N/ A**INGESTION:** This product is harmful if swallowed. Ingestion of concentrated solutions may cause vomiting, diarrhea, and black stool. Pink or red brown urine is a strong indication of iron poisoning.**D. EMERGENCY FIRST AID PROCEDURES:****EYES:** Flush with water for at least 15 minutes.**SKIN:** Wash with soap and water.**INHALATION:** N/ A**INGESTION:** May cause thirst, pain, nausea, vomiting and diarrhea.**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 dry. Wash hands thoroughly after using.**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED:** Prevent material from entering sewers or waterways. Put material in covered labeled containers.**WASTE DISPOSAL METHODS:** NOT CONSIDERED A HAZARDOUS WASTE, EPA WASTE , EPA WASTE NUMBERS ARE NOT APPLICABLE, DISPOSAL BY CONTROLLED INCINERATION OR SECURE LANDFILL MAY BE ACCEPTABLE.**SECTION VIII****SPECIAL PROTECTION / CONTROL MEASURES****RESPIRATORY PROTECTION:** N/ A**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**

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NO POTENTIAL FOOD CHAIN CONCENTRATION

**SECTION X****TRANSPORTATION DATA**

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**PROPER SHIPPING NAME:** KEYLATE IRON

**DOT HAZARD CLASS:** For packages less than 4000 pounds this product is not regulated by the U.S. D.O.T. AS A HAZARDOUS MATERIAL

**PLACARD:** N/ A

**USDOT Proper Shipping Name:** NONHAZARDOUS MATERIAL  
NONREGULATED MATERIAL

**IATA Proper Shipping Name:** N/ A

**IMO Proper Shipping Name:** N/ A

**DOT Hazardous Material:** For packages less than 4000 pounds this product is not regulated by the U.S. D.O.T. AS A HAZARDOUS MATERIAL

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