

KEYLATE® IRON (5%)

Material Safety Data Sheet (rev.03/27)

SECTION I PRODUCT IDENTIFICATION

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

SECTION II PHYSICAL AND CHEMICAL CHARACTERISTICS

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

SECTION III PHYSICAL AND CHEMICAL CHARACTERISTICS

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

SECTION IV FIRE AND EXPLOSION DATA

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

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

STABILITY:	Stable: Yes	Unstable:
CONDITIONS TO AVOID:	Stable under normal conditions.	
INCOMPATIBILITY, MATERIALS TO AVOID:	Strong basis, oxidizing materials, carbonates	
HAZARDOUS DECOMPOSITION PRODUCTS:	None	
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR	
MAY OCCUR:	WILL NOT OCCUR: X	

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**

NO POTENTIAL FOOD CHAIN CONCENTRATION

SECTION X**TRANSPORTATION DATA**

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: KEYLATE IRON
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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