BIC LSY

HC #53

HealthLink
A Family of Medical Products

MSDS

Ferric Subsulfate (Monsel's) Solution

Section 1: Identification

Product Name: Ferric Subsulfate (Monsel's) Solution
Product Catalog No: 400490, 400491 and 400500
Emergency Phone at Infotrac: (800) 535-5053
Date Prepared: 02/25/02

Section 2: Composition

Hazardous Component(s):	CAS Number	OSHA PEL, ACGIH TLV/STEL (PPM)	NFPA	
			Health	1
Ferric Subsulfate (~21% w/v Fe)	1310-45-8	1 mg/m_3	Flammability	0
			Reactivity	0

Section 3: Physical Data

Boiling Point:	~212°F	*Specific Gravity (H_20 = 1):*	~1.6
Vapor Pressure mm Hg/20°C:	17.5	*Percent Volatile by Vol:*	NA
Vapor Density (Air 1:1)	0.6	*Evaporation Rate (ether = 1):*	NA
Solubility in H20:	Complete	*Appearance & Odor:*	Brownish/red viscous liquid odor

Section 4: Fire and Explosion Hazard

Flash Point: Non-Flammable *Flammable Limits:* LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO_2 and foam

Special Firefighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream

Unusual Fire & Explosion Hazards: None known

Section 5: Reactivity

Stability: Stable *Material to Avoid:* Reducing agents, metals, most powdered metals and strong acids

Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Normal laboratory care

Section 6: Health Hazards

Routes of Entry: Inhalation, Skin and Ingestion *Target Organs:* Kidneys, liver and blood

Acute/Chronic: Product is not expected to cause health hazards when utilizing good laboratory practices.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Skin, eyes and respiratory irritation.

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Section 6: Health Hazards cont'd
Emergency First Aid:

Skin: Remove contaminated clothing and wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth thoroughly with water, do not induce vomiting and contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 7: Safe Handling

Chemical Release or Spill: Isolate the spill area with sand or other absorbent material. Neutralize the residue with dilute sodium carbonate. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and/or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storage: Normal laboratory care.

Section 8: Control Measures

Respiratory Protection: Not normally required.

Ventilation: Mechanical or general exhaust is sufficient.

Protective Gloves: Chemical resistant. *Eye Protection:* Safety glasses.

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The information listed here is believed to be correct and does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

HealthLink
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For Technical Service Call 800-638-2625