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IXS Educational, Inc. B944 Beckett Rd. West Chester, OH 45069 (513) 860-4949 Fax (513) 662-8181	MSDS No. Effective Date FF 150 February 25, 1999 MERGENCY ASSISTANCE CHEMTREC 800-424-9300 Health 1 The D	SECTION V       HEALTH HAZARD DATA       FF         Threshold Limited Value       TLV-TWA 1 mg/m²; STEL 2 mg/m² as (Fe). Toxicity data: Orl-rat: LD50 1-2.5 g/kg. body weight. Inh-rat: LC50 147.9 mg/Lt.         Effects of Overexposure       May cause skin irritation. May cause coughing, irritate lungs and mucous membranes. May be corresive to the eye if not removed by washing. Prolonged dust inhalation may cause lung motiling and irritation of mucous membranes.         Emergency and       EVES: Stub therework hundre to the state for a local 15 minutes life upper and
Formula Fe <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> •XH <sub>2</sub> O (X = approx. 7) NF	1 2 3 4	First Aid Procedures First Aid Procedures Investigation of the set of at least 15 minutes, name upper and lower eyelids occasionally. Get immediate medical attention. <u>SKIN</u> : Fitush thoroughly with water, then wash with mild soap and water. <u>INHALATION</u> : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. <u>INGESTION</u> : If swallowed, if conscious, give large amounts of water or milk to drink. Call a physician immediately. Never give anything by mouth to an unconscious person. SECTION VI
Ferric Sulfate	89.0% See Section V.	Stability         Unstable         Conditions to Avoid           Stable         X         Moisture. Very hygroscopic, light sensitive.
Free Sulfuric Acid: (CAS No. 7664-93-9)	2.7% See Section V.	incompatibility Solution is highly corrosive to mild steel, copper, copper alloys and galvanized
CAUTIONI MAY BE HARMFUL IF SWALLOWED. DUST MAY		(Materials to Avoid) steel.
CAUSE IRRITATION TO EYES AND MUCOUS MEMBRANES. SECTION III PHYSICAL DATA		Hazardous         At temperatures above 600°C, product decomposes to iron oxide and sulfur trioxide.
Melting Point (°F) Decomposes 480°C (896°F) Specific Gravity	y(H <sub>2</sub> O = 1) 3.097 @ 18°C.	Hazardous Polymerization Conditions to Avoid Not applicable.
Boiling Point (°F) Decomposes. Percent Volatile by Volume (%)		May Occur Will Not Occur Not applicable.
Vapor Pressure (mm Hg) Negligible as solid.		SECTION VII SPILL OR LEAK PROCEDURES
Vapor Density (Air=1) N/A Solubility in Water 55 grams per 100 mL. water at 20°C.		Steps to be taken in case material is released or spilled Sweep up and place in a suitable container for disposal in an approved landfill. Wash spill area with water. If solution, neutralize with line, soda ash or bicarbonate and remove to approved landfill.
Extinguisher	AZARD DATA	Waste Disposal Method       Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.         Remove dry product to approved landfill.       If solution, neutralize with lime, soda ash or bicarbonate and remove to approved landfill.         SECTION VIII       SPECIAL PROTECTION INFORMATION
Media Use any media suitable for extinguishing other combustible materials in the area. SPECIAL FIREFIGHTING PROCEDURES		Respiration Protection (Specify Type)         None needed in normal laboratory handling. If dusty conditions prevail, wear NIOSH/MSHA-approved dust respirator.           Monthletion         Local Exhaust         Recommended.         Special         No.
and the second se	IIOSH/MSHA-approved self-contained ull protective clothing.	Venturation         Mechanical (General)         Recommended.         Other         No.           Protective Gloves         Rubber may be worn.         Eye Protection         Chemical safety glasses.           Other Protective Equipment         Smock, apron, eye wash station, ventilation hood.         SPECIAL PRECAUTIONS
acid, and water should not	ct is water soluble and water may be t be allowed to enter natural es above 600°C, product decomposes oxide.	Precautions to be Taken In Handling & Storing       Store in a cool, dry place. Protect from light. Wash thoroughly after handling.         Other Precautions       Read label on container before using. Do not wear contact lenses when working with chemicals. If in water solution, product is corrosive. Remove and wash contaminated clothing.
		For taboratory use only. Not for drug, food or household use. Keep out of reach of children.
D.O.T. NON-REGULATED.	na an a	HeVISION No. 6 Date 2/25/99 Approved Michael Reszeja Coordinator MR
Approved by U.S. Department of Labor "essentially similar" to form OSHA-	·20	gathered by them and must make independent determinations of autability and completeness of information from all sources to assure proper use of these materies and the safety and health of amployees. * Hazardous Materials Industriel Standards. Printed on recycled paper.

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