## MIAI EHIAL SAFETY DATA SHEET July 1, 1986

		C.A.S. No.	Unit(s) Size	Formula	Synonyms	Chemical	J
「一般」ということのこの「人のこのこう」ということのできません。		10098-77-1	100, 500 grams, 2.5 Kg.	FeCL3.6H2O	Ferric Chloride, 6-Hydrate	FERRIC CHLORIDE, 6-HYDRATE	The state of the s
	0 1 2	LEAST SLIGHT MODERATE	HAZARD RATING	NED A Night 716-334-4222	Day 716-226-6177	CHEMTREC	
1	ယ	Ĕ		2	Ť,		

			TOTAL DALING
	_	Reactivity	NFPA
	0	Fire	Day 716-226-6177 Night 716-334-4222
	_	Health	800-424-9300
_			

Principal Hazardous Component(s)	SESTION IT HAZARDOUS INGREDIENTS	1/1/-62001	
%	IXIM E		
11T	SHE	N	
V Units		2 3 4	
2		-	

DANGERI CAUSES SEYERE BURNS-HARMFUL IF SWALLOWED.		Ferric Chloride, 6-Hydrate		(S) the conjugate of th
		100%		~ ~
		See Section V	CHILD AT	TI V II nits

Annearance and Oder	Solublity in Water	Colubility in the	vapor bensity (Ar = 1) 9.35	Vanor Donaite	"apor riessure imm Hg! Negligible as solid	V370* D*0000000000000000000000000000000000	Found Fount (-F)	Boiling Doint (art	merculy rount (-r)	Melting Daint (or)	でしていて、二次がプログ	
	Readily soluble in water:		9.35		Negligible as solid		283°C (541°F)		Approx. 37°C			
			•		Evaporation Rate	1.0	Percent Volatile	100	Specific Gravity IR.0 = 11			
				- 17 NON-VOIGETIE (NA)	Non	Harrie (NA	Non-volatile (MA	para not listed	Data 111-1		はのなかである。	

(NA). ŝ

	(Method Used)	Flash Point		Appearance and Odor
	Non-combustible (NA).			nd Odor Bright yellow flakes, lum
The second of th	% by Volume Vin Air		CALBA	ns, beads:
	Lower	ATA ATA ATA ATA ATA ATA ATA ATA	100 000	slightly Hydrochlonic ania
	Upper		r acid odol	

Use any media suitable for extinguishing supporting fire.

#### SPECIAL FIREFIGHTING PROCEDURES

Extinguisher Media

protective clothing. In fire conditions, wear a NIOSH-approved self-contained breathing apparatus and full

UNUSUAL FIRE AND EXPLOSION HAZARDS

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Fire or excessive heat may cause production of toxic and corrosive Hydrochloric acid fumes of toxic and cor or chlorine gas.

D.O.T. OTHER REGULATED MATERIAL-B



905 HICKORY LANE MANSFIELD OHIO 44905 FREY SCIENTIFIC

MSDS No. Effective Date

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20

# SECTION V HEALTH HAZARD DATA

Threshold Limited Value | Home established. | mg/m²\_as from (ACGIH 1980) LD orally in rats: 900 mg/Kg.

Effects of Overexposure INHALATION: Dust may cause upper respiratory tract irritation.

EYES: Causes irritation and/or burns.

SKIN: Causes irritation. Prolonged contact may result in burns.

INGESTION: Harmful if swallowed.

Emergency and First Aid Procedures

get medical attention. EYES OR SKIN: Immedia INHALATION: Remove to fresh air. Immediately flush thoroughly with plenty of water for If symptoms of illness develope,

INGESTION: If swallowed, if conscious, give one or two glasses of water to drink, then egg whites. Get immediate medical attention. at least 15 minutes. For eyes, get immediate medical attention.

#### SECTION VI HEACHVITA DATA

Stability Unstable Stable Conditions to Avoid Moisture-very hydroscopic.

(Materials to avoid) Incompatibility Strong reducing agents.

Hazardous Polymerization **Decomposition Products** May Occur Hazardous Will Not Occur Conditions to Avoid Produces Hydrochloric acid funes on exposure Chlorine gas at high temperatures. ಕ moisture or light.

SECTION VIII — SPILL OF LEAK PROCEDI

Steps to be taken in case material is released or spilled

Wash spill area with soap and water. Sweep up and place in a suitable container.

Waste Disposal Method

Dissolve in water, neutralize with Sodium bicarbonate and flush to sewer with copious amounts of water.

Discharge, treatment, or disposal may be subject to federat, state, or local laws.

### SECTION VIII SEECIAL PROTECTION INFORMATION should be needed in normal laboratory handling.

entilation Local Exhaust
Mechanical (General) Recommended Work in a fune hood if fumes of

**Protective Gloves** Smock, apron, eye wash station, goggles, proper gloves, ventilation hood Rubber Eye Protection Chemical safety glasses.

Other Protective Equipment

Precautions to be Taken SECTION IX SPECI L PRECAUTIONS

Keep container lightly closed when not in use. in Handling and Storing

Store in a cool, dry place and protect from light. Wash thoroughly after handling.

Other Precautions

Read label on container before using.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children

Rev. No. Date 1/12/87 Approved Charles U. Cocaille Chemical Safety Coordinator

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