MATERIAL SAFETY DATA SHEET

P.27200

SKIN IRRITATION Strong irritant

OTHER Ingestion can caus diarrhea, achromotricia & anemia.

KOCIDE CHEMICAL CORPORATION

FISH, LC50 (LETHAL CONCENTRATION)
NE

Irritant

EFFECTS TO EYE

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EMERGENCY TELEPHON (713)433-6404	DATA SHEET NO		wholly owned subsidiary of Grillin Corporation				
PRODUCT NAME COPPER SULFATE PENTAHYDR	ATE	CAS NO. 7758-98-7		CAS NAME Copper	Sulfate		
CHEMICAL FAMILY Weak acid of transition metal		CHEMICAL NAME & SYNONYMS Copper (II) Sulfate Pentahydrate					
CHEMICAL FORMULA CuSO4 • 5H2O		TRADE NAME Copper Sulfa	; CSP; Blue Stone				
	HAZARDO	OUS INGREDIE	ENTS				
HAZARDOUS MIXTURES OF OTHER LIQU	IDS OR GASES		%	CURRENT TLV			
NO HAZARDOUS INGREDIENTS							
				,			
	PHY	SICAL DATA					
APPEARANCE (SOLID, LIQUID, GAS) Solid	MOLECUI 249.7	LAR WEIGHT	MELT	POINT	SPECIFIC GRAVITY 2.28		
VAPOR DENSITY (AIR=1) NA	COLOR Blue			DENSITY lbs/ft ³	BOILING POINT NA		
VAPOR PRESSURE NA		LITY IN WATER 100 cc at 0°C		•	% VOLATILE BY VOLUME NA		
F	IRE AND	EXPLOSION	DATA				
FLASH POINT (METHOD USED) NA		FLAMMABLE LIM Lel NA	IT Uel	NA	EXTINGUISHING MEDIA		
SPECIAL FIRE FIGHTING PROCEDURES NA							
					10114947		
UNUSUAL FIRE OR EXPLOSION HAZARD	S						
NONE					HOLE COLOR HERE COLOR DEGLE TERM STATE COLOR SEES		
	TOX	CICITY DATA					
LDso, ORAL (INGESTION) Rats 960 mg/kg; Mice 33 mg/kg	I	LD ₅₀ , DERMAL NE	(SKIN C	ONTACT)	INHALATION Strong irritant		

* EMERGENC	Y AND I	FIRST AL	D PROCEDU	RES If	inhaled	, move	to fi	resh ai:	and	contact	physici	lan.	If
ingested													
contacte	d, wash	thorou	ghly with	soap and	water.	For e	eyes,	ilush t	vith co	opious a	mounts	οE	
ater an	d conta	ct phys	ician.										

(UNITS) NE

EFFECTS TO LUNG

<u>NA - Not Applicable</u> NE - Not Established

REACTIVITY DATA

, the Royal Brown							
STABILITY	CONDITIONS TO AVOID	in air. Loca of U.O. above 30°C					
Stable POLYMERIZATION	CONDITIONS TO AVOID	in air. Loss of $\rm H_2O$ above $30^{\circ}\rm C$.					
NA NA							
INCOMPATIBILITY (MAT	ERIALS TO AVOID)						
HAZARDOUS DECOMPOSIT	ION PRODUCTS						
	SPILL OR L	LEAK PROCEDURE					
STEPS TO BE TAKEN IN Flush with water or o	CASE MATERIAL IS RELEATED COLLECT IN CONTAINERS F	ASED OR SPILLED or disposal or for copper recovery.					
		-					
WASTE DISPOSAL METHOL Contaminated material) s should be placed in (drums and shipped to chemical dump for disposa	1 in				
accordance with feder	al, state and local re	gulations.					
	CDECIAL DE	ROTECTION DATA					
	OFECIAL PE	WIECITUN DATA					
RESPIRATOR TYPE Dual cartridge respir	ator for dusts and mis	t s					
EYE PROTECTION	deor for dayes and mis-	GLOVES					
Protective goggles		Rubber					
OTHER PROTECTIVE EQUI	PMENT						
	SPECIAL PRECAUTI	ONS & STORAGE DATA					
STORAGE TEMPERATURE		AVERAGE SHELF LIFE					
Below 30°C	THEAT TICHT MOTETIDE	Indefinite below 30°C					
Loss of water occurs	(HEAT, LIGHT, MOISTURE) above 30°C.						
PRECAUTIONS TO BE TAK Store in clean dry ar	EN IN HANDLING AND STO ea. Keep containers t	RING ightly closed. Exercise normal handling pre-					
cautions for solid ma	terials.	•					
	SHIPF	ING DATA					
D.O.T. SHIPPING NAME Copper Sulfate		TECHNICAL SHIPPING NAME Cupric Sulfate					
D.O.T. HAZARD CLASSIF	ICATION						
PRIMARY:	'n	SECONDARY:					
D.O.T. LABELS REQUIRE	.U	FREIGHT CLASSIFICATION Copper Compound NOI					
PREPARED BY: //or'h.	7 TITLE:	APPROVED BY: TITLE:					
DITT DREPARED	a Tech Director	DATE ADDOVED.	<u>,</u>				
DATE PREPARED: Och	15, 1982	DATE APPROVED: 11/1/82					
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