SUPERIOR MANUFACTURING MATERIAL SAFETY DATA SHEET

MFG.CODE # 160				
SECTION I				
MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.		
SUPERIOR MANUFACTURING		INFOTRAC 800.535.5053		
ADDRESS (Street, City, State and Zip Code)				
4520 GLENMEADE LN AUBURN H	ILLS, MI	48326		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYN	ONYMS		
agnesium Chloride Hexahydrate	308 MAGNESIUN	/ ICE MELT		
CHEMICAL FAMILY	FORMULA			
		Mg-Cl2 6H2O		

HAZARDOUS MIXTURES OF OTHER LIQUI	%	TLV (UNITS)	
Magnesium Chloride Hexahydrate	(CAS# 7791-18-6)	>1	N/A

SECTION III – PHYSICAL DATA				
BOILING POINT °F	N/A	SPECIFIC GRAVITY (H2O = 1)	1.59	
VAPOR PRESSURE (mm. Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A	
VAPOR DENSITY (AIR = 1)	N/A	EVAPORATION RATE (=1)	N/A	
SOLUBILITY IN WATER	Complete	PH (1% Solution)	7 (neutral)	
APPEARANCE AND ODOR				

Solid. (Deliquescent crystals solid)

SECTION IV – FIRE AND EXPLOSION DATA				
FLASH POINT (Method Used)	FLAMMABLE LIMITS	Lel	Uel	
		N/A	N/A	
None T.C	D.C.			
EXTINGUISHING MEDIA				
N/A				
SPECIAL FIRE FIGHTING PROCEDURES				
Not applicable				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
None				

(Continued on reverse side)

SECTION V – HEALTH HAZARD DATA				
THRESHOLD LIMIT VALUE	PRIMARY ROUTES OF EN	TRY Inhalation X	Skin Contact X	Other (Specify) X
Not Established				Ingestion
EFFECTS OF OVEREXPOSURE				
The substance is toxic to cardiovascula		ory tract.		
EMERGENCY AND FIRST AID PROCEDU				
Eyes- Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open, Cold water may be used. Skin - After contact with skin,				
wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly				
careful to clean folds, crevices, creases and				
attention. Ingestion – Do not induce vomiti		ich as a collar, tie, belt	t or waistband. If the	e victim is not breathing, perform mouth-
to-mouth resuscitation. Seek immediate me MEDICAL CONDITIONS AGGRAVATED E				
None Known	ST EXPOSURE			
CARCINOGEN:				
No	NTP	IARC		OTHER
NO				
	SECTION VI	- REACTIVITY	/ DATA	
STABILITY	TABILITY UNSTABLE CONDITIONS TO AVOID			
	STABLE	X	N/A	
INCOMPATIBILITY (Materials to avoid)				
Reactive with oxidizing agents. Non-re	eactive with moisture.			
HAZARDOUS DECOMPOSITION PRODUCTS				
None				
HAZARDOUS	MAY OCCUR		CONDITIONS	TO AVOID
POLYMERIZATION	WILL NOT OCCUR	Х	None	
SECTION VII – SPILL OR LEAK PROCEDURES				
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED				
Small spill: Use appropriate tools to put the spilled solid in a convenient disposal container. Finish cleaning by spreading water on the				
contaminated surface and dispose of according to local and regional authority requirements. Large Spill: Use a shovel to put the material				
into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through				
the sanitary system.	iner. I mish creaning by s	preasing mater on a		and anon to cructule infolgi
WASTE DISPOSAL METHOD				

SECTION VIII – SPECIAL PROTECTION INFORMATION			
SPECIAL RESPIRATORY PRO	TECTION (Specify type)		
Particle dust mask.			
VENTILATION	LOCAL EXHAUST Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminates below the exposure limit.		SPECIAL N/A
	MECHANICAL (General)		OTHER N/A
PROTECTIVE GLOVES gloves		EYE PROTECTION Safety Glasses	
OTHER PROTECTIVE EQUIPMENT Lab coat, dust respirator (approved/certified respirator or equivalent.)			

