

Material Safety Data Sheet			U.S. Department of Labor		
May be used to comply with			Occupation Safety and Health Administration		
OSHA's Hazard Communication Standard			(Non-Mandatory Form)		
29 CFR 1910.1200. Standard must be			Form Approved		
consulted for specific requirements			OMB No. 1218-0072		
IDENTITY			<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>		
MELTDOWN (400070)					
Section I					
Manufactured By			Emergency Telephone Number		
Beaver Research Company			800-255-3924 (Chem-Tel) 24 hrs, 7 days		
Address (Number, Street, City, State, and ZIP Code)			Telephone Number For Information		
3700 E. Kilgore Rd., Portage, MI 49002			269-382-0133 (8 am – 5 pm Eastern time, M – F)		
NFPA / HMIS RATINGS:	Health:	1 / 1	Date Prepared		
	Flammability:	0 / 0	October 22, 2008		
	Reactivity:	0 / 0	Signature of Preparer (optional)		
Section II - Hazardous Ingredients/Identity Information					
Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
SODIUM CHLORIDE	7647-14-5	N/A	N/A	N/A	
MAGNESIUM CHLORIDE	7791-18-6	N/A	N/A	N/A	
CALCIUM CHLORIDE	10043-52-4	N/A	N/A	N/A	
Section III - Physical/Chemical Characteristics					
Boiling Point	105 – 115°C	Specific Gravity (H ₂ O = 1)		1.18	
Vapor Pressure (mm Hg)	Undetermined	Melting Point		N/A	
Vapor Density (AIR = 1)	Undetermined	Evaporation Rate (Butyl Acetate = 1)		Undetermined	
Solubility in Water	Complete	pH		6 - 8	
Appearance and Odor	Clear to hazy, odorless liquid				
Section IV - Fire and Explosion Hazard Data					
Flash Point (Method Used)		Flammable Limits		LEL	UEL
	N/A			N/A	N/A
Extinguishing Media					
	N/A				
Special Fire Fighting Procedures	This product is not flammable. Use extinguishing media suitable for surrounding fire.				
Unusual Fire and Explosion Hazards					
	NONE				

N/A = not applicable

Section V - Reactivity Data				
Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		
Incompatibility (Materials to Avoid): Strong oxidizing agents, boron trifluoride, boron trioxide / calcium oxide mixture, metallic sodium, methyl vinyl ether. Reaction with zinc produces explosive hydrogen gas.				
Hazardous Decomposition or Byproducts				
Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	x		
Section VI - Health Hazard Data				
Route(s) of Entry:	Inhalation?	YES	Skin?	YES
Health Hazards (Acute and Chronic)				
Carcinogenicity:	NTP?	NO	IARC Monographs?	NO
				OSHA Regulated? NO
Signs and Symptoms of Exposure May cause irritation of eyes, respiratory tract, skin or gastrointestinal system.				
Medical Conditions Generally Aggravated by Exposure None known				
Emergency and First Aid Procedure EYES: flush immediately with large volume of clean water for at least 15 minutes, while holding upper and lower lids open. INGESTION: if gastrointestinal irritation develops, seek medical advice. INHALATION: remove victim to fresh air; seek medical attention if respiratory distress develops SKIN: flush affected area with soap and water				
Section VII - Precautions for Safe Handling and Use				
Steps to be Taken in Case Material is Released or Spilled : Spills should be contained and either pumped into a suitable container, or absorbed by inert media for disposal.				
Waste Disposal Method: In accordance with federal, state and local regulations.				
Precautions to be Taken in Handling and Storage: Store in a closed container in a cool, dry location.				
Other Precautions: Avoid contact with skin, eyes and clothing. Prevent exposure to incompatible materials.				
Section VIII - Control Measures				
Respiratory Protection (Specify Type) Follow OSHA respirator regulations found in 29 CFR 1910.134				
Ventilation	Local Exhaust	Use when needed	Special	N/A
	Mechanical(General)	Usually sufficient	Other	N/A
Protective Gloves		Eye Protection		
Neoprene or natural rubber		Face shield or safety glasses with side-shields		
Other Protective Clothing or Equipment: Appropriate to prevent skin contact				
Work/Hygienic Practices: Remove and launder any clothing contaminated with product. Wash thoroughly after handling product. Keep away from children.				

N/A = not applicable