

Material Safety Data Sheet			U.S. Department of Labor								
May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements			Occupation Safety and Health Administration (Non-Mandatory Form)								
IDENTITY			Form Approved								
MELTDOWN (400070)			OMB No. 1218-0072								
			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.								
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						
N/A			N/A		UEL						
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			
				Ingestion? 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