

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
<b>NFPA Rating:</b> Health-1; Flammability-0; Reactivity-0; Special-0 <b>Manufacturer's Name:</b> BRODY CHEMICAL <b>Address:</b> 6125 W. Double Eagle Cr. SLC, UT. 84118	<b>HMIS Rating:</b> Health-1; Flammability-0; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> NON-HAZARDOUS <b>Identity</b> (trade name as used on label): POLAR ICE MELT
<b>Date Prepared:</b> 10/6/10 <b>Prepared By:</b> RW <b>Information Calls:</b> (801) 963-2436 <b>EMERGENCY RESPONSE NUMBER:</b> 1-800-424-9300	<b>MSDS Number:</b> 3057 <b>Revision:</b> 14 <b>NOTICE:</b> JUDGEMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	Approx. % wt.	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Sodium Chloride	7647-14-5	90-94	N/E	N/E	d
Sodium Silicate	6834-92-0	4-6	N/E	N/E	d
Magnesium Chloride	7791-18-6	1-2	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> N/A	<b>Specific Gravity</b> (H2O=1): N/A
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/A
<b>Vapor Density</b> (Air = 1): N/A	<b>Evaporation Rate</b> (H2O = 1): N/A
<b>Solubility in Water:</b> 100%	<b>Water Reactive:</b> None
<b>Appearance and Odor:</b> Light blue odorless crystals.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	<b>Auto Ignition Temperature</b> N/A	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/A		<b>EXTINGUISHER MEDIA:</b> N/A
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> N/A		
<b>Unusual Fire &amp; Explosion Hazards:</b> N/A		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Acids	<b>Conditions to Avoid:</b> Excessive heat
<b>Hazardous Decomposition Products:</b> None	

SECTION 5 - HEALTH HAZARD DATA
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS
<b>ACUTE EFFECTS:</b> <b>Inhalation:</b> Dust may irritate nose and throat <b>Eye Contact:</b> Dust may irritate eyes <b>Skin Contact:</b> <b>Ingestion:</b> May cause sore throat and abdominal discomfort.
<b>CHRONIC EFFECTS:</b> <b>Medical Conditions Generally Aggravated by Exposure:</b> None known

EMERGENCY FIRST AID PROCEDURES
<b>Eye Contact:</b> Flush with water for 10-15 minutes. Call physician if irritation persists.
<b>Skin Contact:</b> Wash with soap and water. Call physician if irritation persists.
<b>Inhalation:</b> Remove to fresh air.
<b>Ingestion:</b> Give lots of water. Do not induce vomiting. Call physician.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> None	<b>Eye Protection:</b> Standard goggles
<b>Protective Gloves:</b> Rubber gloves	<b>Ventilation Requirements:</b> None
<b>Other Protective Clothing &amp; Equipment:</b> None	
<b>Hygienic Work Practices:</b> None	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Sweep up bulk of material & discard. Rinse area with water
<b>Waste Disposal Methods:</b> Dispose in landfill according to state and local regulations
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in cool dry location
<b>Other Precautions &amp;/or Special Hazards:</b> None

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*  
 \*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only