

SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Nordic Ice Foam Brick			
Product Use Use in shipping/storing/packing products that require temperature maintenance.			
Manufacturer's Name Nordic Ice		Supplier's Name	
Street Address 2705 Clemens Road		Street Address	
City Hatfield	Province PA	City	Province
Postal Code 19440	Emergency Telephone 775-358-1919	Postal Code	Emergency Telephone
Date MSDS Prepared 7/28/2016		SDS Prepared By Ken Grenke	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	%	CAS Number
Water	< 97%	7732-18-5
Acid Catalysts	< 0.53%	Proprietary
Barium Sulfate	< 0.13%	7727-43-7
Heptane	< 0.07%	142-82-5
Formaldehyde	< 0.01%	50-00-0

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion
[Emergency Overview]	Product is a wet light pinkish open-celled thermoset phenolic plastic foam.				
Potential Health Effects	Opened product may irritate eyes and skin upon contact.				

SECTION 4 — FIRST AID MEASURES

Skin Contact Flush with water and, if so desired, follow with washing with soap and water. If irritation or redness develops and persists, seek medical attention.
Eye Contact Flush eyes with clean water. If symptoms persist, seek medical attention.
Ingestion Drink copious amounts of water.

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, under which conditions? N/A	
Means of Extinction Use extinguishing media suitable for type of surrounding fire.		
Flashpoint (° C) and Method None	Upper Flammable Limit (% by volume) No data	Lower Flammable Limit (% by volume) No data
Autoignition Temperature (°C) No data	Explosion Data — Sensitivity to Impact No data	Explosion Data — Sensitivity to Static Discharge No data
Hazardous Combustion Products Not applicable		
[NFPA] Not applicable		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Discard opened bag and foam. Wash down affected areas with tap water.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Protective eye goggles and nitrile gloves may be worn as good industrial practice.
Storage Requirements
Use and store in cool, dry, well-ventilated areas.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits None known <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>)
Specific Engineering Controls (<i>such as ventilation, enclosed process</i>)
Personal Protective Equipment X Gloves <input type="checkbox"/> Respirator X Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type
Protective eye goggles and nitrile gloves may be worn as good industrial practice.

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid and Solid	Odor and Appearance None, wet light pinkish open-celled thermoset phenolic plastic foam	Odor Threshold (ppm) Odorless
Specific Gravity 1.15	Vapor Density (air = 1) Non-volatile	Vapor Pressure (mmHg) N/A
Evaporation Rate 4.8 (Liquid Only)	Boiling Point (° C) 203°F	Freezing Point (° C) 32°F
pH N/A	Coefficient of Water/Oil Distribution N/A	[Solubility in Water] 100% (Liquid Only)

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions? N/A
Incompatibility with Other Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, which ones? N/A

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Reactivity, and under what conditions? No specific information is available.

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Hazardous Decomposition Products No specific information is available.

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SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure
Use good practice to avoid contact with eyes and skin with all materials. Wash thoroughly after handling. No acute effects are expected.

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Effects of chronic exposure
Chronic exposure is not expected to produce any health effects.

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Irritancy of Product Contact with skin and eyes may irritating.

Skin sensitization Not expected	Respiratory sensitization Not expected
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Carcinogenicity-IARC No definitive information is available.	Carcinogenicity - ACGIH No definitive information is available.
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Reproductive toxicity No definitive information is available.	Teratogenicity No definitive information is available.
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Embrototoxicity No definitive information is available.	Mutagenicity No definitive information is available.
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Name of synergistic products/effects None known

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SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

This formulation has not been tested for environmental effects. It is a thermoset plastic and may or may not be biodegradable.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Dispose of in accordance with all applicable federal, state and local regulations

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information	Not classified as hazardous		
			PIN
TDG	N/A	[DOT]	No ingredients are designated as a hazardous material by the Federal DOT.
[IMO]	N/A	[ICAO]	N/A

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]	Not determined	[OSHA]	Not determined
[SERA]	Not determined	[TSCA]	All components are listed or exempt from listing on the TSCA 8(b)
California Prop 65: <i>The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains chemicals known to the State of California to cause cancer or other reproductive harm.</i>			

SECTION 16 — OTHER INFORMATION

Revision Date:	July 17, 2018
Preparation Date:	July 28, 2016
Disclaimer/Statement of Liability – The information herein is given in good faith but no warranty, expressed or implied, is made.	