

Section 1: Identification

Product Name:	Re-Freez-R-Brix®	SDS Number:	POL135
Manufacturer:	Polar Tech Industries 415 East Railroad Avenue Genoa, IL 60135		
Main Phone #:	(815) 784-9000 (800) 423-2749		
Emergency Phone #:	N / A		
Product Description:	Re-Freez-R-Brix® is a block of rigid foam that holds its shape frozen or thawed and is reusable. These refrigerants are non-toxic and are sealed in a heavy plastic pouch.		
Recommended Use:	Prevent thawing by packaging frozen Re-Freez-R-Brix® along with product in properly insulated container. Prevent from freezing by packaging warmed Re-Freez-R-Brix® along with product in properly insulated container.		

Section 2: Hazard Identification

Emergency Overview:	Typically pink, fine-celled thermoset phenolic plastic foam with absorbed water enclosed in a white polyethylene bag that does not present a hazard in normal handling and transportation. It is considered an article under section 1.3.2.1.1 of the United Nations, Global Harmonized System Rev 9. This definition is included in Section 15 Regulatory Information of this SDS.
GHS Pictograms:	No label required
GHS Hazard Statements:	Not Classified according to GHS REV 9
GHS Precautionary Statements:	P301+311: IF SWALLOWED, call a poison center or doctor as a precaution P305+351+338: IF IN EYES, rinse cautiously with water for several minutes Remove contact lenses if present and easy to do - continue rinsing P333+313: If skin irritation or a rash occurs, get medical advice or attention P411: Store at temperatures not exceeding 300°F
Other Information:	NFPA hazard rating:



Section 3: Composition / Information on Ingredients

Material Component:	CAS Number:	Percentage:
1. Water	7732-18-5	≥ 97%
2. Thermoset Phenolic Plastic Foam	N / A	≤ 3%

Section 4: First- Aid Measures

Eyes:	Not normally required. Flush with water for approximately 15 minutes.
Skin:	Not normally required. Wash with soap and water.
Inhalation:	Not normally required. Move person to fresh air. If difficulties continue, contact a physician.
Ingestion:	Not normally required. If swallowed, contact a poison control center.

Section 5: Fire-Fighting Measures

Flash Point:	N / A
Flammable Limits:	N / A
Extinguishing Media:	CO2, Dry Chemical, Water
Special Fire Fighting Procedures:	N / A
Unusual Fire and Explosion Hazards:	N / A

Section 6: Accidental Release Measures

Large or Small Spills:	Absorb any liquid. Place material in suitable container for disposal. Inert solid waste to be disposed of in accordance with Federal, State and local regulations.
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Section 7: Handling and Storage

Handling Precautions:	Avoid any actions that would cause bags to be sliced or cut, in order to prevent spills.
Storage Precautions:	Do not exceed safe height when stacking cases, in order to prevent spills or falls. Do not stack pallets. Avoid temperatures in excess of 300 °F.

Section 8: Exposure Controls / Personal Protection

Protective gloves:	Not normally required. Wear if deemed appropriate.
Eye Protection:	Not normally required. Wear if deemed appropriate.
Other Protection:	N/ A

Section 9: Physical and Chemical Properties

Appearance:	Wetted, typically pink foam in white Hermetically sealed polyethylene (GRAS) bag.		
Odor:	None	pH:	N / A
Vapor Pressure:	20°C (68°F)	Vapor Density:	N / A
Boiling Point:	212°F/100°C (Water)	Melting Point:	32°F/0°C (Water)
Specific Gravity:	Not Available	Flash Point:	N / A
Solubility in Water:	N / A	Ignition Temperature:	600°F

Section 10: Stability and Reactivity

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Temperatures above 300°F
Incompatibility (materials to avoid):	No known incompatible materials
Hazardous Decomposition Products:	Not Available

Section 11: Toxicological Information

General:	Under normal conditions, no adverse health effects are expected. The foam is an inert solid waste and non-toxic.
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Section 12: Ecological Information

General:	N / A
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Section 13: Disposal Considerations

Disposal:	Place in a suitable container for disposal. Foam is an inert solid waste to be disposed of in accordance with Federal, State and local regulations.
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Section 14: Transport Information

Proper Shipping Name:	Not regulated	DOT (US):	Not dangerous goods
Transport Hazard Class:	N / A	IMDG:	Not dangerous goods
ID Number:	N / A	IATA:	Not dangerous goods
Packing Group:	N / A		
Marine Pollutant:	N / A		

Section 15: Regulatory Information

TSCA:	All components are listed or exempt from listing on the TSCA inventory.
CA prop 65:	This product contains no chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
Article:	Article means a manufactured item other than a fluid or particle: (i) Which is formed to a specific shape or design during manufacture; (ii) Which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) Which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under the hazard determination provisions of the standard), and does not pose a physical hazard or health risk to employees.

Section 16: Other Information

Last Revision Date:	6/21/2022	Preparation Date:	3/17/2000
Key to abbreviations:	N / A	Not available or not applicable	
	GHS	Globally Harmonized System	
	NFPA hazard rating:	National Fire Protection Association	
	GRAS	Generally Recognized as Safe (FDA listing)	
	CAS	Chemical Abstracts Service	
	DOT	U.S. Department of Transportation	
	FDA	U.S. Food and Drug Administration	
	IMDG	International Maritime Dangerous Goods Code	
	IATA	International Air Transport Association	
	TSCA	Toxic Substances Control Act	

Notice to reader: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is correct, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.