

Section 1: Identification

Product Name: Ice-Brix[®] SDS Number: POL137

Manufacturer: Polar Tech Industries, Inc.
415 East Railroad Avenue
Genoa, IL 60135

Main Phone #: (815) 784-9000
(800) 243-4229

Emergency Phone #: N / A

Product Description: Ice-Brix[®] is a leak-proof, long lasting, viscous gel refrigerant made with non-toxic ingredients, listed as FDA GRAS, and packaged in white poly or foil laminated poly bags.

Recommended use: Prevent thawing by packaging frozen Ice-Brix[®] along with product in a properly insulated container.
Prevent from freezing by packaging warmed Ice-Brix[®] along with product in a properly insulated container.

Section 2: Hazard Identification

Emergency Overview: A soft, clear, viscous gel that is sealed in a polyethylene bag and does not present a hazard in normal handling and transportation.

GHS Pictograms: N / A

GHS Hazard Statements: N / A

GHS Precautionary Statements: P305+351+338: IF IN EYES, rinse cautiously with water for several minutes
Remove contact lenses if present and easy to do - continue rinsing
P301+352: IF ON SKIN, wash with soap and plenty of water.
P301+314: IF SWALLOWED, get medical advice if you feel unwell.

Other Information: NFPA hazard rating:



Section 3: Composition / Information on Ingredients

| Material Component: | CAS Number: | Percentage: |
|-----------------------------|-------------|-------------|
| 1. Water | N / A | 98% |
| 2. Carboxy Methyl Cellulose | 9004-32-4 | 2% |

Section 4: First-Aid Measures

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| Eyes: | Not normally required. Flush with water for approximately 15 minutes. |
| Skin: | Not normally required. Wash with soap and water. |
| Inhalation: | N / A |
| Ingestion: | Not normally required. If swallowed, get medical attention if symptoms appear. |

Section 5: Fire-Fighting Measures

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| Flash Point: | N / A |
| Flammable Limits: | N / A |
| Extinguishing Media: | N / A - contains 98% water; non-flammable |
| Special Fire Fighting Procedures: | N / A |
| Unusual Fire and Explosion Hazards: | N / A |

Section 6: Accidental Release Measures

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| Large or small spills: | Product can create a slippery environment. Rinse with water and dispose of through the sewer in accordance with Federal, State and local regulations. |
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Section 7: Handling and Storage

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| 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. |

Section 8: Exposure Controls / Personal Protection

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| 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

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| Appearance: | A soft, clear, viscous gel that is sealed in a polyethylene bag. | | |
| Odor: | None | pH: | N / A |
| Vapor Pressure: | N / A | Vapor Density: | N / A |
| % Volatile by Volume: | 98% | % Solid by Weight: | 2% |
| Boiling Point: | N / A | Melting Point: | N / A |
| Specific Gravity: | Approx. 1.1 lbs/ft ³ | Flash Point: | N / A |
| Evaporation Rate: | 1 | Solubility in Water: | soluble in cold water |

Section 10: Stability and Reactivity

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| Stability: | Stable |
| Hazardous Polymerization: | Will not occur |
| Conditions to Avoid: | N / A |
| Incompatibility (materials to avoid): | Reactive with oxidizing agents |
| Hazardous Decomposition Products: | N / A |

Section 11: Toxicological Information

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| General: | Gel is non-toxic. |
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Section 12: Ecological Information

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| General: | This product itself and its products of degradation are non-toxic. |
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Section 13: Disposal Considerations

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| Disposal: | Place in a suitable container for disposal. Product is to be disposed of in accordance with Federal, State and local regulations. |
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Section 14: Transport Information

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| 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: | Not regulated by 49 CFR 172.101. | | |

Section 15: Regulatory Information

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| 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. |

Section 16: Other Information

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| Last Revision Date | 1/26/2015 | Preparation Date | 1/4/2004 |
| Key to abbreviations | N/A | Not available or not applicable | |
| | GHS | Globally Harmonized System | |
| | NFPA | National Fire Protection Association | |
| | GRAS | Generally Recognized as Safe (FDA listing) | |
| | 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.