

Safety Data Sheet (SDS)



Complying with GHS Revision 5
Frigid Ice Gel Pack
Issuing Date: November 22, 2024

Section 1. Identification of the substance/mixture and of the company/undertaking

Product names: Frigid Ice®
Other Identification: Gel Pack
Description: Frigid Ice® 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
Identified Uses: Frozen Frigid Ice is used to prevent thawing of goods packaged in an insulated container
Company: Truefoam
11 Mosher Drive, Dartmouth
NS B3B 1L8
Emergency phone: CA 1-800-565-1291

Section 2. Hazards Identification

GHS Classification: None
Symbol: None
Signal Word: Not Hazardous
Precautionary Statements: P305, P351, P338: If In Eyes, rinse cautiously with water for several minutes Remove contact lenses if present and easy to do - continue rinsing
P301, P352: If on Skin, was with soap and plenty of water
P301, P314: If swallowed, get medical advice if you feel unwell.
Other Hazards: None

Section 3. Composition / Information on Ingredients

Product Name	Chemical Name	CAS Number	Content (w/w)%
Water	H2O	7732-18-5	98%
Sodium Benzoate	C7H5NaO2	532-32-1	<1%
Sodium Carboxmethyl Cellulose	CMC	9004-32-4	1-10%
Aluminum Sulfate	Al2(SO4)3	10043-32-4	<1%

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Inhalation Remove to fresh air. If symptoms persist, call a physician. If breathing has stopped, give artificial respiration.
Skin Contact Wash skin with soap and water. Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes.
Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.

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Ingestion Remove contact lenses, if present and easy to do. Continue rinsing.
Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately

Section 5. Firefighting Measures

Extinguishing media: Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires. For this substance/mixture no limitations of extinguishing agents are given.

Specific Firefighting Protective Equipment: Fire fighters should wear self-contained breathing apparatus (SCBA) and personal protective clothing (turn out gear) if necessary.

Specific Hazards Arising from the Material: No unusual fire or explosion hazards noted.

Hazardous Combustion Products: Thermal decomposition can release irritating gases and vapors

Special Fire Hazards: No unusual fire or explosion hazards noted.

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Gel Ice	0	0	0	n/a

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear protective clothing as described in Section 8 of this Safety Data Sheet. Avoid substance contact. Ensure adequate ventilation. Breathing protection should be worn in enclosed and/or poorly-ventilated areas until hazard assessment is complete.

Environmental Precautions: Avoid discharge into drains or watercourses or onto the ground.

Methods and Materials for Containment and Cleaning Up: Pick up and transfer to properly labeled containers. Take up with sand, earth or other noncombustible absorbent material. Prevent product and washings from entering drains, sewers or surface water due to high toxicity to aquatic organisms.

Section 7: Handling and Storage

Precautions for safe handling:

Read and follow the manufacturer's recommendations.

Conditions for safe storage:

Store in a cool and well-ventilated place. Do not store in an extreme temperature.

Incompatible Products:

Strong acids. Strong bases. Acids. Bases. Oxidizing agent. Strong oxidizing agents.

Section 8: Exposure Controls / Personal Protection

Occupational exposure limits table:

Ingredients with limit values that require monitoring at the workplace in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200: None

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Personal Protection

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

Eye/Face Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles

Skin Protection: No precautions other than clean body-covering clothing should be needed

Hand Protection: The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Respiratory Protection: Respiratory protection is not normally required. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Section 9: Physical and Chemical Properties

Appearance:	Soft, clear viscous gel that is sealed in a polyethylene bag.
Odour:	None
Odour threshold:	N/A
pH:	N/A
Melting point:	N/A
Boiling point:	N/A
Flash point:	N/A
Evaporation rate:	1
Flammability:	N/A
Upper/Lower Flammability or	N/A
Explosive Limit:	N/A
Vapour pressure:	N/A
Vapour density: (air = 1)	N/A
Relative density: (water = 1)	1.1 lbs/ft ³
Solubility:	soluble in cold water
Partition coefficient,n-Octanol/Water	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A
Other information:	N/A
Physical state:	Solid

Section 10: Stability and Reactivity

Reactivity	Not Reactive
Chemical Stability:	Normally Stable
Possibility of Hazardous Reactions:	None Expected
Conditions to Avoid:	Avoid excessive heat for prolonged periods of time.
Incompatible Materials	Reactive with oxidizing agents.
Hazardous Decomposition Products:	None at ambient temperatures. In the event of fire: see section 5

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Section 11: Toxicological Information

Acute toxicity

Conclusion/Summary: There are no data for this formulation.

Toxicologically Synergistic Products: No information available

Irritation/Corrosion

Skin: No known significant effects or critical hazards.
Eyes: No known significant effects or critical hazards.
Respiratory: No known significant effects or critical hazards.
Ingestion: Ingestion may cause burns to gastrointestinal tract and respiratory tract, nausea, vomiting, and diarrhea

Sensitization

Skin: No known significant effects or critical hazards.

Respiratory: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Specific target organ toxicity (single exposure) N/A

Specific target organ toxicity (repeated exposure) N/A

Aspiration hazard N/A

Information on the likely routes of exposure: Not available.

Section 12. Ecological information

Toxicity: No known significant effects or critical hazards
Persistence and degradability: This product is not expected to persist in the environment.
Bioaccumulative potential: Accumulation in organisms is not to be expected.
Mobility in soil: Not available
Soil/water partition coefficient (KOC): Not available
Other adverse effects: No known significant effects or critical hazards

Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be

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recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

DOT TRANSPORT:	Not Regulated
ADR = International Carriage of Dangerous Goods by Road:	Not Regulated
SEA TRANSPORT: [IMDG]	Not Regulated
AIR TRANSPORT: [IATA/ICAO]	Not Regulated
UN NUMBER:	Not Classified

Special precautions for transport: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

Canada

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

USA

Toxic Substance Control Act: The product is in compliance with rules, regulations and orders of TSCA. All components are either listed on a federal chemical inventory or are considered exempt.

SARA 311/312 Hazards: This material does not contain any components

SARA 302 This material does not contain any components with a section 302 EHS TPQ.

SARA 313: Not listed

California Prop 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive Harm.

Clean Water Act: This material does not contain any components

CERCLA This material does not contain any components

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Section 16. Other Information

Original Issue:	January 2014
Date or revision:	November 22, 2024
Revisions Number:	2

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