

# Safety Data Sheet

## Transport Gel

**ColdStar**  
INTERNATIONAL

Complies with 91/155/EEC, 1907/2006 (REACH) and amendments, OSHA's Hazard Communication Standard, 29 CFR 1910.1200; and the requirements of the U.S. Department of Labor Occupational Safety & Health Administration.

### Regulatory Status:

This preparation is not classified as hazardous under U.S. OSHA 29 CFR 1910.1200; E.C. Directive 1999/45/EC; Canadian R.S. 1985, c. H-3; U.K. CHIP 2002 No. 1689; and/or U.N. GHS ST/SG/AC 10/30.

None of the components present in this preparation at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

### SECTION 1: PRODUCT IDENTIFICATION

**PRODUCT NAME:** ColdStar Transport Gel, ColdStar Hard Freeze Gel      **SERIES NAME:** 170872 171248 171636 172424  
**DESCRIPTION:** ColdStar Reusable Transport Hard Freeze Gel Pack      173218 174812  
**PRODUCT USE:** Keep materials/products frozen or at a specific temperature.  
**DISTRIBUTOR:** Coldstar International      Telephone: +1 (423) 538-5551  
PO Box 54 – Johnson City, TN      Fax: +1 (423) 534-3030  
37605      Website: [www.coldstarinternational.com](http://www.coldstarinternational.com)

### SECTION 2: HAZARD IDENTIFICATION

The label elements below are prepared in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS contains valuable information critical to the safe handling and proper use of the product. The SDS should be retained and available for employees and other users of this product.

**SUBSTANCE OVERVIEW:** Nonvolatile, nonflammable, mixture in water packaged in a waterproof container.

**CLASSIFICATION OF MIXTURE:** Not Classified

**GHS LABEL ELEMENTS:** HAZARD PICTOGRAMS & SIGNAL WORD

No label element(s) required

**HAZARD-DETERMINING COMPONENTS OF LABELING:** No hazardous ingredients present at or above regulatory indicated thresholds.

**HAZARD STATEMENTS:** No label hazards required

**PRECAUTIONARY STATEMENTS:** No precautionary statements required

**CLASSIFICATION SYSTEM:** NFPA RATING DIAMOND (SCALE 0-4):

HEALTH= 0 - Least

FIRE= 0 - Least

REACTIVITY= 0 - Least

**HMIS-RATINGS (SCALE 0-4):**

HEALTH: 0

FIRE: 0

REACTIVITY: 0

### SECTION 3: COMPOSITION INFORMATION

**COMPOSITION:** Mixture consisting of the following components

ITEM	C.A.S. No.	Percentage
Water	7732-18-5	65-85
Proprietary		5-15
Proprietary		1-5

### SECTION 4: FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

**GENERAL INFORMATION:** No harmful effects are expected under normal use.

**AFTER INHALATION:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

**AFTER SKIN CONTACT:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contents come in contact with skin, flush with clean water; then wash affected area with soap and water. If irritation persists seek advice of medical personnel.

**AFTER EYE CONTACT:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. In case of eye contact: Flush with clean running water. If eye irritation persists, get medical advice/attention.

**AFTER SWALLOWING:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If swallowed, rinse mouth with water (only if the person is conscious) If ingested: Drink large amounts of water.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:** Please see Section 11

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### SECTION 5: FIRE & EXPLOSION HAZARD DATA

**GENERAL INFORMATION:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.  
Nonflammable water solution

**FLASH POINT:** NO DATA AVAILABLE

**AUTOIGNITION TEMPERATURE:** NO DATA AVAILABLE

**EXTINGUISHING MEDIA:** NO DATA AVAILABLE

**SPECIAL FIRE FIGHTING PROCEDURES:** NO DATA AVAILABLE

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NO DATA AVAILABLE

**HAZARDOUS DECOMPOSITION PRODUCTS:** NO DATA AVAILABLE

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.  
Wear suitable protective equipment.

#### SPILL AND LEAK PROCEDURES:

Collect as much of the leaked material as possible; use of sand or other absorbent materials may be helpful.

#### ENVIRONMENTAL PRECAUTIONS:

See Section 12 for additional Ecological Information

### SECTION 7: HANDLING & STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Protect from damage. Use good safety and industrial hygiene practices. Before refreezing, examine film material for tears, punctures, etc.

**PRECAUTIONS FOR SAFE STORAGE:** Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**INCOMPATIBLE PRODUCTS:** None known.

#### GENERAL PERCAUTIONS:

Not intended for consumption.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** No respiratory protection needed.

**EYE PROTECTION:** No protective eyewear expected to be needed.

**SKIN PROTECTION:** No adverse health effects are expected from skin contact. When handling frozen product protective gloves may be worn in case of moist and/or sensitive hands.



**ENGINEERING CONTROLS:** No special controls needed.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None Known.

### SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

pH:	7
Boiling Point:	212°F (100°C)
Freezing Point:	30 °F(-1.1111 °C)
Specific Gravity (H <sub>2</sub> O = 1):	= 1.005 @ 75 °F(23.8889 °C) Water=1
Vapor Pressure (mm Hg):	Not Established
Vapor Density (AIR = 1):	Not Established
Evaporation Rate (Butyl Acetate = 1):	Not Established
Solubility in Water:	100%
Appearance and Odor:	Liquid=Hazy, Colorless, Odorless

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Stable under proper storage conditions

**CONDITIONS TO AVOID:** None Known

**INCOMPATIBILITY (MATERIAL TO AVOID):** None Known

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None Known

**HAZARDOUS POLYMERIZATION:** None Known

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### SECTION 11: TOXICOLOGICAL INFORMATION

#### PRECAUTIONARY STATEMENTS:

None under normal use conditions

#### POTENTIAL HEALTH EFFECTS:

INHALATION Harmful effects are not expected under normal usage.  
EYE Harmful effects are not expected under normal usage.  
SKIN Harmful effects are not expected under normal usage.  
INGESTION Harmful effects are not expected under normal usage.  
TARGET ORGANS None known

**PRIMARY ROUTES OF EXPOSURE** Inhalation: None with normal use.  
Skin Absorption: None with normal use.  
Skin & Eyes: None with normal use.  
Ingestion: None with normal use.

**POTENTIAL EFFECTS OF CHRONIC EXPOSURE** No information available.

**CARCINOGENICITY** No information available.

**IRRITATION/SENSITIZATION** No information available.

**TERATOGENICITY** No information available.

**MUTAGENICITY** No information available.

**REPRODUCTIVE TOXICITY** No information available.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** The environmental impact of this product has not been fully investigated. No data is available on the product itself.

**BIODEGRADABILITY:** No data is available on the product itself.

**BIOACCUMULATION:** No data is available on the product itself.

**MOBILITY:** No data is available on the product itself.

**OTHER ADVERSE EFFECTS:** No data is available on the product itself.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL METHOD:

This material is not a hazardous waste according to Federal Regulations (40 CFR 261). Dispose of contents to an approved waste disposal site. Consult the appropriate state, regional, or local regulations for additional requirements.

### SECTION 14: TRANSPORT INFORMATION

**RESOURCE CONSERVATION & RECOVERY ACT (RCRA) WASTE NUMBER:** Not regulated

**Basic Shipping Description:** Compounds and Refrigerants in Cartons

**IATA:** Not regulated

**Proper Shipping Name:** Not regulated

**Hazard Class:** Not classified

**Hazard Label:** None

**Packing Group:** None

**Packaging Instruction:** N/A

**Special Provisions:** None

**U.S. Department of Transportation (DOT) Consumer Commodity, ORM-D** Not regulated

### SECTION 15: REGULATORY INFORMATION

**US FEDERAL REGULATIONS:** This material is not classified as hazardous under OSHA regulations (29 CFR Part 1910.1200). This product is considered an 'article' under 29 CFR Part 1910.1200. This product may be considered a 'manufactured article' or 'medical device'.

TSCA (TOXIC SUBSTANCE CONTROL ACT): [Complies](#)

CERCLA/SARA - HAZARDOUS SUBSTANCES AND THEIR REPORTABLE QUANTITIES: [N/D](#)

302 EXTREMELY HAZARDOUS SUBSTANCES EPCRA RQS: [No Extremely Hazardous Substances are present in this material.](#)

302 EXTREMELY HAZARDOUS SUBSTANCES TPQS: [No Extremely Hazardous Substances are present in this material.](#)

CERCLA/SARA - 313 - EMISSION REPORTING: [This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above the minimum concentrations.](#)

#### US STATE REGULATIONS:

CALIFORNIA - 8 CCR SECTION 339 - DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES: [California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.](#)

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### INTERNATIONAL REGULATIONS:

Canadian WHMIS Classification: This product is not a WHMIS controlled product in Canada. This product may be considered a 'manufactured article' or 'medical device'.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

WATER HAZARD CLASS (GERMANY): N/A

#### CANADA

DOMESTIC SUBSTANCES LIST (DSL): Not Regulated

WHMIS - INGREDIENT DISCLOSURE LIST: No disclosure limit

WHMIS STATUS: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

### SECTION 16: OTHER INFORMATION

**Date of Preparation: 5/7/2015**

**Last Revision: 07/18/2023**

**FURTHER INFORMATION:** This SDS has been prepared in accordance with:

**DISCLAIMER:** The information provided in this Safety Data Sheet has been compiled, in good faith, from our experience and data presented in various technical publications. An SDS for a substance is not primarily intended for use by the general consumer, focusing instead on the hazards of working with the material in an occupational setting. It is believed to be accurate and represents the best information currently available. HOWEVER, Coldstar International MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER TYPE, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS DESCRIBED OR DATA OR INFORMATION PROVIDED, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OF SUCH PRODUCTS, DATA OR INFORMATION. Users should make their own investigations to determine the suitability of the information for their particular purposes, and the user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material, and must be familiar with and follow generally accepted safe handling procedures. In no event shall Coldstar International be liable for any claims, losses, or damages of any individual or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Coldstar International has been advised of the possibility of such damages. We reserve the right to update MSDS sheets from time to time as new information becomes available. It is the responsibility of the user to verify that they have the latest revision available.

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