



# Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Issuing Date 28-Aug-2009

Revision Date

Revision Number 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Jack Frost Cool Only Gel Pack & Jack Frost Reusable Hot/Cold Gel Pack (61115)  
 Jack Frost Gel Reusable Micro Hot/Cold (70204, 70304)  
 Jack Frost Gel Reusable Micro Hot/Cold w/Sleeve (70304A)  
 Jack Frost Gel Reusable Insulated Hot/Cold (80204A, 80304A, 80104, 80600)

**Product Code(s)** 61115, 70204, 70304, 70304A, 80204A, 80304A, 80104, 80600

**Recommended Use** Reusable Hot and Cold gel pack for thermal therapy.

### Supplier Address

Cardinal Health  
 1430 Waukegan Road  
 McGaw Park, IL 60085  
 TEL: 1-800-964-5227 (Customer Service, 8:00am to 4:30pm CST M-F)

**Chemical Emergency Phone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance** Blue

**Physical State** Liquid.

**Odor** No information available

### OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

### Potential Health Effects

#### Principle Routes of Exposure

Inhalation, Skin contact, Eye contact.

#### Acute Toxicity

##### Eyes

May cause irritation.

##### Skin

Prolonged skin contact may defat the skin and produce dermatitis.

##### Inhalation

Not an expected route of exposure. Avoid breathing vapors or mists. May cause irritation of respiratory tract.

##### Ingestion

May cause gastrointestinal discomfort if consumed in large amounts. Potential for aspiration if swallowed.

#### Chronic Effects

May cause adverse kidney effects. Intentional ingestion of large quantities of the liquid may cause aggravation of kidney disorders and or lactic acidosis, stupor and seizures.

**Aggravated Medical Conditions**      Kidney disorders.

**Environmental Hazard**      See Section 12 for additional Ecological Information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene Glycol	57-55-6	15-40
Quaternium-15	51229-78-8	0.1-1

### 4. FIRST AID MEASURES

**Eye Contact**      Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**      Wash off with warm water and soap.

**Inhalation**      Move to fresh air.

**Ingestion**      Clean mouth with water and afterwards drink plenty of water. Consult a physician.

**Notes to Physician**      Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**Flammable Properties**      Not flammable

**Flash Point**      Not determined.

**Suitable Extinguishing Media**      Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Explosion Data**

**Sensitivity to Mechanical Impact**      None

**Sensitivity to Static Discharge**      None

**Protective Equipment and Precautions for Firefighters**      As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

<b>NFPA</b>	<b>Health Hazard 0</b>	<b>Flammability 0</b>	<b>Stability 0</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazard 1</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<b>Personal Protection -</b>

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with the skin and the eyes.
<b>Environmental Precautions</b>	Refer to protective measures listed in Sections 7 and 8
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers. Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically and collect in suitable container for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin and eyes.
<b>Storage</b>	Store in cool/well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	No special protective equipment required. If splashes are likely to occur, wear: Safety glasses with side-shields.
<b>Skin and Body Protection</b>	No special protective equipment required. Lightweight protective clothing.
<b>Respiratory Protection</b>	None required under normal usage. If exposure limits are exceeded or 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.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Blue.	<b>Odor</b>	No information available
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH</b>	No information available		
<b>Flash Point</b>	No information available	<b>Autoignition Temperature</b>	No information available
<b>Decomposition Temperature</b>	No information available	<b>Boiling Point/Range</b>	No information available
<b>Melting Point/Range</b>	No information available		
<b>Flammability Limits in Air</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Water Solubility</b>	Soluble in water.	<b>Solubility</b>	No information available
<b>Evaporation Rate</b>	No information available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available	<b>VOC Content</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Incompatible Products</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Conditions to Avoid</b>	Excessive heat.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapors. Nitrogen oxides (NOx). Carbon oxides.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

<b>Product Information</b>	No acute toxicity information is available for this product. Product does not present an acute toxicity hazard based on known or supplied information.
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### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene Glycol	20000 mg/kg ( Rat )	20800 mg/kg ( Rabbit )	

### Chronic Toxicity

<b>Chronic Toxicity</b>	May cause adverse kidney effects. Intentional ingestion of large quantities of the liquid may cause aggravation of kidney disorders and or lactic acidosis, stupor and seizures.
<b>Target Organ Effects</b>	Kidney.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated. Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations.

## 14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Exempt
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Does not comply
<b>ELINCS</b>	Does not comply
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

**Acute Health Hazard**

No

Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol			X		X

#### International Regulations

##### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

##### WHMIS Hazard Class

Non-controlled

## 16. OTHER INFORMATION

Issuing Date 28-Aug-2009  
Revision Date  
Revision Note No information available

##### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**