

**THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK**



**NORTECH LABORATORIES, INC.**  
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## Safety Data Sheet

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Issue Date: **09/30/15** Rev: **2**

### SECTION 1: Identification

#### 1.1. Product Identifier

Therma-Kool® Reusable Cold/Hot Gel Therapy Pack

#### Product Identification Numbers

TK35, TK36, TK49, TK418, TK69, TK810, TK912, TK1013, TK105

#### 1.2. Recommended use and restrictions on use

Class 1 Medical Device Cold/Hot gel pack for therapy, first aid & pain relief. (Patent No. 3,780,537).

#### 1.3. Supplier's details:

**MANUFACTURER:** Nortech Labs Inc  
**ADDRESS:** 125 Sherwood Ave, Farmingdale NY 11735  
**TELEPHONE:** 888-COLD-PAK (265-3725)

#### 1.4. Emergency telephone number

800-935-0425 or visit <http://www.nortechlabs.com/faq.html>

### SECTION 2: Hazard identification

#### 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2. Label elements

##### Signal word

Not applicable.

##### Symbols

Not applicable.

##### Pictograms

Not applicable.

#### 2.3. Hazards not otherwise classified

None

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Weight
WATER	7732-18-5	80
GLYCERINE	56-81-5	18
NEUTRALIZED POLYGEL RESIN	9003-01-04	1.25
METHYL PARABEN	99-76-3	0.17
OUTER FILM 3 MIL LLDPE	None	0.58

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### Inhalation:

No need for first aid is anticipated.

##### Skin Contact:

Wash with soap and water. If signs/symptoms develop, get medical attention.

##### Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

##### If Swallowed:

Although not a likely route of entry, tests have shown that Therma-Kool® Gel is non-toxic if ingested. However, as in any instance of non-food consumption, rinse mouth, if you feel unwell, seek medical attention in the event of any adverse symptoms.

#### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects

#### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

#### 5.2. Special hazards arising from the substance or mixture

None inherent in this product

#### Hazardous Decomposition or By-Products

None inherent in this product

#### 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

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None

### 6.2. Environmental precautions

None

### 6.3. Methods and material for containment and cleaning up

Use caution after contact of product with water, as slippery conditions may result. Residuals maybe flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use caution when removing gel pack from cold (freezer) or heat(microwave) source.

### 7.2. Conditions for safe storage including any incompatibilities

No special storage requirements. If possible, store in a cool dry place

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS

### 8.2. Exposure controls

None required.

#### 8.2.1. Engineering controls

None required

#### 8.2.2. Personal protective equipment (PPE)

None required

#### Eye/face protection

None required.

#### Skin/hand protection

No chemical protective gloves are required.

#### Respiratory protection

None required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**General Physical Form:** Gel

**Odor, Color, Grade:** Odorless, Clear gel in bag.

**Odor threshold** *Not Applicable*

**pH** 5-8

**Melting point** *Not Applicable*

**Boiling Point** > 200 °F

**Flash Point** 210 °F

**Flash Point** Flash point > 93 °C (200 °F)

**Evaporation rate** *Not Applicable*

## **THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK**

**Flammability (solid, gas)** Not Applicable  
**Flammable Limits(LEL)** *Not Applicable*  
**Flammable Limits(UEL)** *Not Applicable*  
**Vapor Pressure** <=27 psia [@ 131 °F] [Details: MITS data]  
**Vapor Density** *Not Applicable*  
**Specific Gravity 1** [Ref Std: WATER=1]  
**Solubility in Water** Complete  
**Solubility- non-water** *Not Applicable*  
**Partition coefficient: n-octanol/ water** *No Data Available*  
**Autoignition temperature** *Not Applicable*

## **SECTION 10: Stability and reactivity**

### **10.1. Chemical Stability**

This material is chemically stable under normal and anticipated storage conditions.

### **10.2. Chemical stability – Conditions to Avoid**

Stable

### **10.3. Hazardous Decomposition Products**

None

### **10.4. Hazardous Polymerization**

Will not occur

## **SECTION 11: Toxicological information**

### **11.1. Information on Toxicological effects**

#### **Signs and Symptoms of Exposure**

**Based on test data and/or information on the components, this material may produce the following health effects:**

#### **Inhalation:**

No health effects are expected.

#### **Skin Contact:**

Contact with the skin during product use is not expected to result in significant irritation.

#### **Eye Contact:**

Contact with the eyes during product use is not expected to result in significant irritation.

#### **Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### **Toxicological Data**

For an assessment of individual components please refer to Nortech Therma-Kool Gel Pack TRA  
<http://www.nortechlabs.com/thermakool-toxicity-report.pdf>

## SECTION 12: Ecological information

### Eco toxicological information

N/A

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

A: General Product Information This product is a non-hazardous waste material suitable for approved solid waste landfills.  
B: Component Waste Numbers No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions Dispose of in accordance with Local, State, and Federal Regulations.

EPA Hazardous Waste Number (RCRA): Not regulated

## SECTION 14: Transport Information

This product is not a hazardous material and is not regulated by the Department of Transportation.  
For Transport Information, please visit [www.nortechlabs.com](http://www.nortechlabs.com) or call 888-COLD-PAK(265-3725)

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact Nortech Labs Inc for more information.

This product is not a hazardous material and is not regulated by the Department of Transportation.

### 311/312 Hazard Categories:

Fire Hazard - No    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - No    Delayed Hazard - No

### 15.2. State Regulations

Contact Nortech Labs Inc for more information.

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of

TSCA. Contact Nortech Labs Inc for more information.

### 15.4. International Regulations

Contact Nortech Labs Inc for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## SECTION 16: Other information

### NFPA Hazard Classification

Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: None

#### **THERMA-KOOL® REUSABLE COLD/HOT GEL THERAPY PACK**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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