

3M UK PLC  
 3M HOUSE, PO BOX 1, MARKET PLACE,  
 BRACKNELL, BERKSHIRE RG12 1JU  
 Tel: 01344 858000

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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

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Tradename:  
 3M(TM) COLD/HOT PACK - 1570, 1571, 1571B, 1572, 1576, 1600,  
 1650, 1780

3M Product ID:  
 DH-9999-3149-5 DH-9999-6167-4

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2 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	50.0 - 80.0
PROPYLENE GLYCOL	57-55-6	15.0 - 40.0
METHYLCELLULOSE	9004-67-5	3.0 - 7.0
C.I. ACID BLUE 9, DIAMMONIUM SALT	2650-18-2	Less Than 0.01
DENATONIUM BENZOATE	3734-33-6	Less Than 0.01

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3 HAZARDS IDENTIFICATION

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Critical hazards:  
 Pack contents may cause mild eye and skin irritation. Please  
 read the product label and insert for additional information.

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4 FIRST-AID MEASURES

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Eye Contact:  
 Immediately flush eyes with large amounts of water. Get  
 immediate medical attention.

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## Skin Contact:

Wash affected area with soap and water. Discontinue use if irritation occurs.

## Inhalation:

No need for first aid is anticipated.

## Ingestion:

Do not induce vomiting. Drink two glasses of water. Call a medical doctor.

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## 5 FIRE-FIGHTING MEASURES

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## Suitable Extinguishing Media:

Water,

## Hazardous Decomposition:

None known.

## Fire-Fighting Procedures:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## Special Instructions:

None known.

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## 6 ACCIDENTAL RELEASE MEASURES

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## Personal Precautions:

Observe precautions from other sections.

## Methods for Cleaning up:

Contain spill. Clean up residue with water. Place in a closed container.

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## 7 HANDLING AND STORAGE

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## Precautions for Safe Storage:

Keep out of reach of children.

## Fire Prevention:

Not applicable.

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## Precautions for Safe Handling:

Observe precautions in other sections.

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 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
 

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## Eye Protection:

Avoid eye contact.

## Hand Protection:

Avoid prolonged or repeated skin contact.

## Skin Protection:

Avoid prolonged or repeated skin contact.

## Respiratory Protection:

Not applicable.

## Ingestion:

Do not ingest. Keep out of reach of children.

## Recommended Ventilation:

Not applicable.

## Exposure Limits:

## PROPYLENE GLYCOL (57-55-6)

UK HSE TWA: 150 ppm; 474 mg/m<sup>3</sup> Total (vapour and particulates);10 mg/m<sup>3</sup> particulates OES

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 9 PHYSICAL AND CHEMICAL PROPERTIES
 

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## Appearance and Odour:

Blue gel in a sealed plastic package.

## pH:

6.7

## Boiling point/boiling range:

Greater than 100 C

## Melting point/melting range:

Not determined

## Flash point:

Not applicable

## Autoflammability:

Not determined

## Vapour pressure:

Not determined

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## Water Solubility:

Appreciable

## Specific gravity:

Less Than 1 Water=1

## Vapour density:

Not applicable

## Volatile organic compounds:

Not determined

## Evaporation rate:

Not applicable

Viscosity: Not applicable

Percent volatile: neglig.

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#### 10 STABILITY AND REACTIVITY

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Materials to Avoid:  
None known.

Hazardous Decomposition:  
Stable. Hazardous polymerisation will not occur.

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#### 11 TOXICOLOGICAL INFORMATION

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Effects from Eye Contact:  
Eye contact is not expected to occur during normal use of the product. Single exposure may cause Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

Effects from Skin Contact:  
No adverse health effects are expected from skin contact. Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

Effects from Inhalation:  
No adverse health effects are expected from inhalation exposure.

Effects from Ingestion:  
Ingestion is not a likely route of exposure to this product. Ingestion may cause: Gastrointestinal Effects: signs/symptoms generally will include abdominal pain.

Other Effects and Information:  
Contact with the contents of the pack may cause mild eye and skin irritation. If pack breaks discard and wash affected area with soap and water. Follow instructions on the pack to avoid any potential thermal burns or frostbite from the use of this product.

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#### 12 ECOLOGICAL INFORMATION

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Other Effects and Information:  
Not determined.

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#### 13 DISPOSAL CONSIDERATIONS

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Special Instructions:

Dispose of waste product in a landfill/waste disposal site. For larger quantities: Incinerate in an industrial or commercial facility. Dispose of completely absorbed waste product in a landfill or facility licenced to handle chemical waste. Since regulations vary, consult applicable regulations or authorities before disposal.

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14 TRANSPORT INFORMATION  
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## UN NUMBER:

UN number: Not restricted for transportation.

## UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

CDG-ROAD (if applicable)

## ADR/RID CLASSIFICATION:

Class:

Item Number:

## ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

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Packing Group:

Proper Shipping Name:

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15 REGULATORY INFORMATION  
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## Precautionary Label Information:

Symbol(s):

None

Risk Phrases:

Pack contents may cause mild eye and skin irritation. Please read the product label and insert for additional precautionary information.

Safety Phrases:

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16 OTHER INFORMATION

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Regulatory Information:

Reissue date/Reason for reissue.  
Added 3M ID stock number.

Intended Use of Product:  
Sports hot/cold compress.

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law).

The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials.

For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.

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