

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Soft Gel Cold Pack
Intended Use:	Developed as Cold Compress Therapy Pack
Physical Description:	Polyethylene pouch containing Propylene Glycol, Water
Supplier:	Nantong HaoChuan Industry Co Ltd. China
Finished product:	MEDICHILL 02392 601040 1 Cooperage Green, Weevil Lane, Gosport, Hampshire PO12 1AX
Poisons Information:	24 hour Poisons Information Phone NHS 111

2. HAZARDS IDENTIFICATION

Hazard Class:	Non hazardous ingredients
	Propylene Glycol: 23% CAS No: 57-13-6
	Water: 74% CAS No: 123120-98-9
	Sodium Carboxymethyl Cellulose: 3% CAS 9004-32-4

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components:	1. Plastic Pouch 2. Gel
1. Plastic Pouch	Made of Polyethylene (PE) which is non-hazardous
2. Gel	Composition of Propylene Glycol 23%, Water 74% and Sodium Carboxymethyl 3%
	Non-flammable, no special fire fighting requirements.
Effects of single overexposure:	
SWALLOWING:	Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.
SKIN ABSORPTION:	No evidence of adverse effects from available information.
INHALATION:	Short-term harmful health effects are not expected from vapour generated at ambient temperature.
SKIN CONTACT:	A single relatively short exposure causes no known adverse effects may irritate.
EYE CONTACT:	Direct contact may cause temporary discomfort with mild redness, dryness, and irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS cont'd

Effects of repeated overexposure:

No evidence of adverse effects from available information.

MEDICAL CONDITIONS AGGRAVATED BY OVER EXPOSURE: A knowledge of the available toxicology information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:

None currently known.

OTHER EFFECTS OF OVER EXPOSURE

None currently known.

4. FIRST AID MEASURES

Inhalation: No emergency care anticipated

Skin Contact: No emergency care anticipated, wash with water if skin irritated

Ingestion: Seek medical attention or Contact Poisons Information Centre NHS 111.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention if discomfort persists

Notes to healthcare professional:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. NOTE: Do not induce vomiting. Emesis of this material may prove difficult due to its high viscosity. Aspiration may cause lung damage

5. FIRE FIGHTING MEASURES

FLASH POINT (test method(s)): > 135°C (Cleveland Open Cup)

FLAMMABLE LIMITS IN AIR (by volume):

LOWER: N/A

UPPER: N/A

EXTINGUISHING MEDIA: Apply alcohol-type or universal-type foams by manufacturer's recommended technique for large fires. Use water spray, carbon dioxide, dry chemical media for small fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Do not spray a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing, and may intensify the fire. Use self-contained breathing apparatus when fighting fire in an enclosed area.

6. ACCIDENTAL RELEASE MEASURES

Precautions:	No special precautions required. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal.
Disposal:	Dispose of with normal waste management procedure in accordance with local authority guidelines.

7. HANDLING AND STORAGE

Handling:	No special precautions required when handling smaller quantities.
Storage:	Standard storage procedures for non-hazardous materials. Store in a dry, cool and well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines:	No special precautions required.
Personal Protection:	No special precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	White Transparent Liquid
Odour	No odour
pH	6.9
Specific Gravity (Bulk Density)	1.17 g/cm ³
Boiling Point	188°C
Flash Point	107°C

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

Stability:	Stable.
Conditions to avoid:	None.
Incompatibility:	Oxidising materials can cause a reaction
Hazardous Decomposition:	Burning can produce carbon monoxide, carbon dioxide, oxides of silicon, and hydrocarbons. Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. May give off hydrogen fluoride upon combustion. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

11. TOXICOLOGICAL INFORMATION

Complete information not yet available

12. ECOLOGICAL INFORMATION

Complete information not yet available

13. DISPOSAL CONSIDERATIONS

Disposal of product: Dispose in accordance with local, state or national regulations.

14. TRANSPORT INFORMATION

Shipping name:	Not regulated
Hazard class:	Not applicable
UN Number:	Not applicable

15. REGULATORY INFORMATION

Product information: This product is not regulated as a hazardous material.

16. OTHER INFORMATION

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Technology, it is the user's obligation to determine the conditions of safe use of the product.

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