

## SDS Report

No. SH9220228/ CHEM

Date: Nov. 29, 2016

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Client's name: BH MEDICAL PRODUCTS CO.,LTD  
Client's address: NO.90 ZHANGJIA INDUSTRY PARK XILING CHANGZHOU, JIANGSU,CHINA

SGS Ref No. : SHD002929960  
Product Name: Bottle cooler/ Ice pack/ hot cold pack/ eye mask  
End Uses: Cold-heat compress bag for body or product  
Composition/Ingredient: CMC (5%); Glycerol (10%); Preservative (0.02%);  
Water (84.98%).  
Job Receiving Date: Nov.20, 2016  
Preparation Period: Nov.20– 30, 2016

### Service Requested

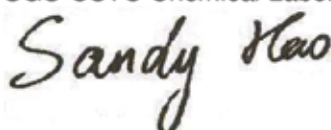
Safety Data Sheet for the Product

### SUMMARY

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EEC.

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Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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# Safety Data Sheet

## 1907/2006/EC, Article 31

Printing date 25.11.2016

Revision: 25.11.2016

### 1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

- **Trade name:** *Bottle cooler/ Ice pack/ hot cold pack/ eye mask*
- **Registration number:** *Not available.*
- **Application of the substance / the preparation:** *Cold-heat compress bag for body or product*

· **Manufacturer/Supplier:**

BH MEDICAL PRODUCTS CO.,LTD  
 NO.90 ZHANGJIA INDUSTRY PARK XILING CHANGZHOU, JIANGSU,CHINA  
 TEL: 86-519-83978705  
 FAX: 86-519-83978717

- **Further information obtainable from:** BH MEDICAL PRODUCTS CO.,LTD

· **Information in case of emergency:**

Tao Xiaohua  
 MP: 13186668755  
 Email: tao@bhmedical.com.cn

- **Reference Number:** SHD002929960; SH9220228/CHEM

### 2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for human and environment:**  
*The product is not classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and 1272/2008/EC.*
- **Classification system:**  
*The classification is according to the latest edition of the EU Directives 67/548/EEC, 1999/45/EC and 1272/2008/EC, and extended by company and literature data.*

### 3 Composition/information on ingredients

· **Chemical characterization**

· **Description:**

*For the wording of the listed risk phrases refer to section 16.  
 Mixture: consisting of the following components.*

· **Dangerous components:**

XDD -- KB	 C,  Xn,  N; R 22-34-43-51/53	0,02%
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· **Non-dangerous component:**

CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	84,98%
CAS: 56-81-5 EINECS: 200-289-5	glycerol	10,0%
CAS: 9004-32-4	carboxymethyl cellulose, sodium salt	5,0%

· **Remark :**

*The information of preservative (XDD -- KB) used in product is come from MSDS provided by applicant.*

*carboxymethyl cellulose, sodium salt (CAS No. 9004-32-4)  
 Synonym: CMC*

### 4 First aid measures

- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Immediately wash with water and soap and rinse thoroughly.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:**  
*Rinse out mouth and then drink plenty of water.*

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If symptoms persist consult doctor.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Store only in the original receptacle.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from flammable substances.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

**56-81-5 glycerol (10,0%)**

WEL (Great Britain)	10 mg/m <sup>3</sup>
PEL (USA)	15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	10* ppm *Mist

- **DNELs:** Not available.
- **PNECs:** Not available.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- **Material of gloves:**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the

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# Safety Data Sheet

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resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material:**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling.

### 9 Physical and chemical properties

· **General Information:**

<b>Form:</b>	Gel
<b>Colour:</b>	Colourless
<b>Odour:</b>	Odourless

· **Change in condition:**

<b>Melting point/Melting range:</b>	Not available.
<b>Boiling point/Boiling range:</b>	Not available.

· **Flash point:** Not available.

· **Flammability (solid, gaseous):** Not available.

· **Ignition temperature:** Not available.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

<b>Lower:</b>	Not available.
<b>Upper:</b>	Not available.

· **Oxidizing properties:** Not available.

· **Vapour pressure:** Not available.

· **Density:** Not available.

· **Relative density:** Not available.

· **Vapour density:** Not available.

· **Evaporation rate:** Not available.

· **Solubility in / Miscibility with water:** Not available.

· **pH-value:** Not available.

· **Segregation coefficient (n-octanol/water):** Not available.

· **Viscosity:**

<b>Dynamic:</b>	Not available.
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### 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions:** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

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Trade name: **Bottle cooler/ Ice pack/ hot cold pack/ eye mask**

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### 11 Toxicological information

- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

**9004-32-4 carboxymethyl cellulose, sodium salt**

Oral	LD50	>27000 mg/kg (mouse)
		>27000 mg/kg (rabbit)

**56-81-5 glycerol**

Oral	LD50	4090 mg/kg (mouse)
		12600 mg/kg (rat)

- **Primary irritant effect**

- **on the skin:** Irritating effect possible.

- **on the eye:** Irritating effect possible.

- **Sensitization:** Sensitization possible.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

- **Toxicokinetics, metabolism and distribution:** Not available.

- **Acute effects (acute toxicity, irritation and corrosivity):** Not available.

- **Repeated dose toxicity:** Not available.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** Not available.

### 12 Ecological information

- **Information about elimination (persistence and degradability):** Not available.

- **Behaviour in environmental systems**

- **Mobility and bioaccumulation potential:** Not available.

- **Ecotoxicological effects**

- **Acquatic toxicity:** Not available.

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **PBT assessments:** Not available.

### 13 Disposal considerations

- **Product**

- **Recommendation:** Smaller quantities can be disposed of with household waste.

- **Uncleaned packaging**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** -

- **Danger code (Kemler):** -

- **UN-Number:** -

- **Hazard label:** -

- **Special marking:** -

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- **Description of goods:** -
- **Limited quantities (LQ):** -
- **Transport category:** -
- **Tunnel restriction code:** -

- **Maritime transport IMDG**
- **IMDG Class:** -
- **UN Number:** -
- **Label:** -
- **Packaging group:** -
- **EMS Number:** -
- **Marine pollutant:** No
- **Proper shipping name:** -

- **Air transport ICAO-TI and IATA-DGR**
- **ICAO/IATA Class:** -
- **UN/ID Number:** -
- **Label:** -
- **Special marking:** -
- **Packaging group:** -
- **Proper shipping name:** -

### 15 Regulatory information

- **Sara**

- **Section 355(extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313(Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA(Toxic Substances Control Act):**

7732-18-5 water, distilled, conductivity or of similar purity

56-81-5 glycerol

9004-32-4 carboxymethyl cellulose, sodium salt

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Cancerogenity categories**

- **EPA(Environmental Protection Agency):**

None of the ingredients is listed.

- **IARC(International Agency for Research on Cancer):**

None of the ingredients is listed.

- **NTP(National Toxicology Program):**

None of the ingredients is listed.

- **TLV(Threshold Limit Value established by ACGIH):**

None of the ingredients is listed.

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· **NIOSH-Ca(National Institute for Occupational Safety and Health):**

None of the ingredients is listed.

· **OSHA-Ca(Occupational Safety & Health Administration):**

None of the ingredients is listed.

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and 1272/2008/EC.

· **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

· **National regulations:**

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **Candidate List of Substances of very high concern (SVHC) according to ECHA (28/10/2008)**

None of the ingredients is listed.

· **REACH Regulation Title VIII Restriction**

None of the ingredients is listed.

· **REACH Regulation Title VII Authorization**

None of the ingredients is listed.

## 16 Other information

· **Relevant R-phrases**

22 Harmful if swallowed.

34 Causes burns.

43 May cause sensitisation by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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