

JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD  
NO.25 HAIYAN ROAD, BINHAI INDUSTRIAL ZONE, QIDONG, NANTONG CITY, JIANGSU PROVINCE,CHINA

SGS Job No. : GZHL2309045729OM  
Sample Name : ICE PACK  
End Uses : COLD USE  
Article Number : BMR589612  
Client Reference Information : Product Nature: ICE PACK  
Manufacturer : JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD  
Country of Origin : CHINA

Composition/Ingredient of sample : See section 3 *Composition/information on ingredients* on the SDS report (as per client submission)

Job Receiving Date : 09 Jan 2023  
SDS Preparation Period : 09 Jan 2023-12 Jan 2023

Service Requested : Safety Data Sheet (SDS) for the sample with submitted composition.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2015/830, and is provided per attached.

Remark:

The SDS is prepared based on the information provided by client.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Zm guan  
Approved Signatory



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**Safety data sheet**  
**Regulation (EC) No. 1907/2006 and 1272/2008**

Printing date 12.01.2023

Version number 1

Revision: 12.01.2023

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** ICE PACK
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture:** COLD USE
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer / Supplier:** JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD
- **Full address:**  
NO.25 HAIYAN ROAD, BINHAI INDUSTRIAL ZONE, QIDONG, NANTONG CITY, JIANGSU PROVINCE, CHINA
- **Phone number:** 58156435
- **Email:** yishun05@yishun.cn
- **Only Representative / other EU contact point:** Not available
- **Further information obtainable from:** JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD
- **1.4 Emergency telephone number:**  
GERMANY  
Poison Center Berlin - Institute of Toxicology  
Tel: +49 030 192 40
- **1.5 Reference Number:** CANHG2117200201,GZHL2109038929OT

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

- **Skin Sens. 1**      **H317** May cause an allergic skin reaction.
- **Aquatic Chronic 3** **H412** Harmful to aquatic life with long lasting effects.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.
- **Classification system:**  
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No. 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**  
5-chloro-2-methyl-2H-isothiazol-3-one
- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P101      If medical advice is needed, have product container or label at hand.

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- P102 Keep out of reach of children.  
 P103 Read label before use.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P321 Specific treatment (see on this label).  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards:**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:**  
Mixture of the substances listed below with nonhazardous additions.  
For the wording of the listed hazard statements refer to section 16.

- **Composition:**

CAS: 7732-18-5 EINECS: 231-791-2	Water	94.98%
CAS: 9004-32-4	Sodium carboxymethylcellulose	5%
CAS: 26172-55-4 EINECS: 247-500-7	5-chloro-2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1A, H317	0.02%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General description:** Immediately remove any clothing soiled by the product.
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **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:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

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- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures:** Not required.
- **6.2 Environmental precautions:**  
 Do not allow product to reach sewage system or any water source.  
 Inform respective authorities in case of seepage into water course or sewage system.  
 Dilute with plenty of water.  
 Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Dispose contaminated material as waste according to section 13.  
 Ensure adequate ventilation.
- **6.4 Reference to other sections:**  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling:**  
 Ensure good ventilation/exhaustion at the workplace.  
 Prevent formation of aerosols.  
 For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s):** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**

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

**9004-32-4 Sodium carboxymethylcellulose (5%)**

WEL (Great Britain) Long-term value: 10 mg/m<sup>3</sup>

AGW (Germany) Long-term value: 200 E mg/m<sup>3</sup>  
2 (I);DFG, Y

VLEP (France) Long-term value: 10 mg/m<sup>3</sup>

**26172-55-4 5-chloro-2-methyl-2H-isothiazol-3-one (0.02%)**

MAK (Germany) Long-term value: 0.2E mg/m<sup>3</sup>  
vgl.Abschn.Xc

- **Regulatory information**

WEL (Great Britain): EH40/2020

AGW (Germany): TRGS 900

VLEP (France): ED 1487 12.2019

MAK (Germany): MAK- und BAT-Liste

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· **DNELs:** Not available· **PNECs:** Not available· **Additional information:** The lists valid during the making were used as basis.· **8.2 Exposure controls**

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

· **Appropriate engineering controls:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

See Section 7 for information about design of technical facilities.

· **Personal protective equipment**· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· **Protection of hands:**

Protective gloves

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 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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **Appearance**

<b>Form:</b>	Gel
<b>Colour:</b>	Colorless
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not available

· **pH-value:** Not available· **Change in condition**

<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available

· **Flash point:** Not available· **Flammability (solid, gas):** Not available· **Auto-ignition temperature:** Not available

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· <b>Decomposition temperature:</b>	Not available
· <b>Self-igniting:</b>	Not available
· <b>Explosive properties:</b>	Not available
· <b>Explosion limits</b>	
Lower:	Not available
Upper:	Not available
· <b>Oxidising properties:</b>	Not available
· <b>Vapour pressure:</b>	Not available
· <b>Density:</b>	Not available
· <b>Relative density:</b>	Not available
· <b>Vapour density:</b>	Not available
· <b>Evaporation rate:</b>	Not available
· <b>Solubility in / Miscibility with water:</b>	Not available
· <b>Partition coefficient: n-octanol/water:</b>	Not available
· <b>Viscosity</b>	
Dynamic:	Not available
Kinematic:	Not available
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity:** Data not available
- **10.2 Chemical stability:** Data not available
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

<b>9004-32-4 Sodium carboxymethylcellulose</b>		
	LD50	>27,000 mg/kg
		>27,000 mg/kg

- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:**  
May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.

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- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Harmful to aquatic organisms

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |  |                     |
|--|---------------------|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | Not applicable      |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | Not applicable      |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul> | Not applicable<br>- |
| <ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR/RID/ADN, IMDG, IATA</b></li> </ul>  | Not applicable      |
| <ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards</b></li> <li>· <b>Marine pollutant:</b></li> </ul>  | No                  |
| <ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user:</b></li> </ul>  | Not applicable      |

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- |  |                |
|--|----------------|
| · <b>Hazard identification number (Kemler code):</b>                             | -              |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable |
| · <b>UN "Model Regulation":</b>  | Void           |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **MAK(German Maximum Workplace Concentration)**

None of the ingredients is listed.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** Not applicable
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not available
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not available

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **National regulations:**

- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (8/7/2021)**

None of the ingredients is listed

- **REACH Regulation Annex XVII Restriction (25/1/2021)**  
See Section 16 for information about restriction of use.

None of the ingredients is listed

- **REACH Regulation Annex XIV Authorisation List (6/2/2020)**

None of the ingredients is listed

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

- **Relevant hazard statements**

H301 Toxic if swallowed.  
H310 Fatal in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

- **Classification according to Regulation (EC) No. 1272/2008**

Skin sensitisation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No. 1272/2008.
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- **\*\*\*\*\***  
The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

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**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity - oral – Category 3

Acute Tox. 2: Acute toxicity - dermal – Category 2

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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