

## Safety Data Sheet (SDS) Report

Applicant: JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD.  
HAIYAN ROAD 25,BINHAI INDUSTRIAL ZONE,QIDONG NANTONG,  
JIANGSU,CHINA

**SDS number:** SHAH01184077

Issue Date: 2020-01-10

### Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : ICE PACK, COLD PACK, ICE BOX, COOL MAT  
Physical State : Liquid  
Data Received : Jan 06, 2020  
Data Reviewed : Jan 10, 2020

---

### Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with requirements of JIS Z 7253: 2012 and JIS Z 7252: 2014, for details please refer to attached pages.

---

### Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai



Anna Wang  
Regulatory Consultant

This report shall not be reproduced except in full, without the written approval of the laboratory.

### Intertek Health, Environmental &Regulatory Services (HERS)

5th Floor,Building No.86,1198 QinZhou Road(North),Cao Hejing Development  
Zone,ShangHai,China.

Tel: +86 021 53397917 ZIP: 200233

E-mail:hers@intertek.com

---

# Safety Data Sheet

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD.

SDS Number: SHAH01184077

Version No:1.0  
According to JIS Z 7253 : 2012

Issue Date:10/01/2020  
GHS.JPN.EN

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

Product name	ICE PACK,COLD PACK ,ICE BOX, COOL MAT
Other means of identification	Not Available

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	food cooling and temperature cooling
--------------------------	--------------------------------------

#### Details of the supplier of the safety data sheet

Supplier Name	JIANGSU YISHUN MEDICAL EQUIPMENT CO.,LTD.
Address	HAIYAN ROAD 25,BINHAI INDUSTRIAL ZONE,QIDONG NANTONG,JIANGSU,CHINA
Telephone	+86-21-58156433-810
Emergency Telephone	+86-21-58156433-810
Fax	+86-21-58156440
Email	yishun16@yishun.cn
Importer Name	DAISO INDUSTRIES CO.,LTD
Address	1-4-14 SAIJYO-YOSHIYUKIHIGASHI ,HIGASHIHIROSHIMA-CITY 739-8501 JAPAN
Telephone	082-420-0147
Fax	082-423-5735
Email	

#### Emergency telephone number

Association / Organisation	DAISO INDUSTRIES CO.,LTD
Emergency telephone numbers	082-420-0147
Other emergency telephone numbers	

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Classification	Skin Sensitizer Category 1, Acute Aquatic Hazard Category 3, Chronic Aquatic Hazard Category 3
----------------	--

#### Label elements

Hazard pictogram(s)	
---------------------	---

SIGNAL WORD	<b>WARNING</b>
-------------	----------------

#### Hazard statement(s)

H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

#### Supplementary statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing mist/vapours/spray.
P273	Avoid release to the environment.
P272	Contaminated work clothing should not be allowed out of the workplace.

Continued...

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

## Precautionary statement(s) Response

P321	Specific treatment (see advice on this label).
P302+P352	IF ON SKIN: Wash with plenty of water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.

## Precautionary statement(s) Storage

Not Applicable

## Precautionary statement(s) Disposal

P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
------	--

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

## Substances

See section below for composition of Mixtures

## Mixtures

CAS No	%[weight]	Name	Class Reference No. in the Gazette List	
			CSCL	ISHL
7732-18-5	89.98	<u>water</u>	-	-
9033-79-8	10	<u>acrylic acid/ sodium acrylate copolymer</u>	6-901	-
55965-84-9	0.02	<u>reaction mass of 5-chloro-2-methyl- 2H-isothiazol-3-one and 2-methyl- 2H-isothiazol-3-one (3:1)</u>	-	-

## SECTION 4 FIRST AID MEASURES

## Description of first aid measures

<b>Eye Contact</b>	<p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with water.</li> <li>▶ If irritation continues, seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
<b>Skin Contact</b>	<p>If skin contact occurs:</p> <ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>▶ Other measures are usually unnecessary.</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>▶ Immediately give a glass of water.</li> <li>▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

## Extinguishing media

- ▶ There is no restriction on the type of extinguisher which may be used.
- ▶ Use extinguishing media suitable for surrounding area.

## Special hazards arising from the substrate or mixture

<b>Fire Incompatibility</b>	None known.
-----------------------------	-------------

## Advice for firefighters

<b>Fire Fighting</b>	<ul style="list-style-type: none"> <li>▶ Alert Fire Brigade and tell them location and nature of hazard.</li> <li>▶ Wear breathing apparatus plus protective gloves in the event of a fire.</li> </ul>
<b>Fire/Explosion Hazard</b>	<ul style="list-style-type: none"> <li>▶ Non combustible.</li> <li>▶ Not considered a significant fire risk, however containers may burn.</li> </ul>

## SECTION 6 ACCIDENTAL RELEASE MEASURES

## Personal precautions, protective equipment and emergency procedures

See section 8

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

**Environmental precautions**

See section 12

**Methods and material for containment and cleaning up**

<b>Minor Spills</b>	<ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> <li>▶ Avoid breathing vapours and contact with skin and eyes.</li> </ul>
<b>Major Spills</b>	<ul style="list-style-type: none"> <li>▶ Clear area of personnel and move upwind.</li> </ul>

Personal Protective Equipment advice is contained in Section 8 of the SDS.

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

<b>Safe handling</b>	<ul style="list-style-type: none"> <li>▶ Limit all unnecessary personal contact.</li> <li>▶ Wear protective clothing when risk of exposure occurs.</li> <li>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</b></li> </ul>
<b>Other information</b>	Not Applicable

**Conditions for safe storage, including any incompatibilities**

<b>Suitable container</b>	<ul style="list-style-type: none"> <li>▶ PVC</li> </ul>
<b>Storage incompatibility</b>	None known

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA**

Not Available

**Exposure controls**

<b>Appropriate engineering controls</b>	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
<b>Personal protection</b>	
<b>Eye and face protection</b>	<ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Chemical goggles.</li> </ul>
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	<ul style="list-style-type: none"> <li>▶ Wear chemical protective gloves, e.g. PVC.</li> <li>▶ Wear safety footwear or safety gumboots, e.g. Rubber</li> </ul> <p><b>NOTE:</b></p> <p>▶ The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.</p> <p>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical 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.</p>
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	<ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ P.V.C.</li> </ul>

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid		
<b>Physical state</b>	Liquid	<b>Relative density (Water = 1)</b>	Not Available
<b>Odour</b>	Not Available	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Available	<b>Decomposition temperature</b>	Not Available

Continued...

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

<b>Melting point / freezing point (°C)</b>	Not Available	<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Available
<b>Flash point (°C)</b>	Not Available	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Flammable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Not Available	<b>Gas group</b>	Not Available
<b>Solubility in water</b>	Not Available	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

## SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	See section 7
<b>Chemical stability</b>	<ul style="list-style-type: none"> <li>▶ Unstable in the presence of incompatible materials.</li> <li>▶ Product is considered stable.</li> </ul>
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	See section 7
<b>Incompatible materials</b>	See section 7
<b>Hazardous decomposition products</b>	See section 5

## SECTION 11 TOXICOLOGICAL INFORMATION

## Information on toxicological effects

<b>Acute Toxicity</b>	<p>reaction mass of 5-chloro-2-methyl- 2H-isothiazol-3-one and 2-methyl- 2H-isothiazol-3-one (3:1)</p> <table border="1"> <tr> <td>Oral (mouse) LD50: 60 mg/kg<sup>[2]</sup></td> </tr> <tr> <td>Oral (rat) LD50: 53 mg/kg<sup>[2]</sup></td> </tr> </table>	Oral (mouse) LD50: 60 mg/kg <sup>[2]</sup>	Oral (rat) LD50: 53 mg/kg <sup>[2]</sup>
Oral (mouse) LD50: 60 mg/kg <sup>[2]</sup>			
Oral (rat) LD50: 53 mg/kg <sup>[2]</sup>			
<b>Skin Irritation/Corrosion</b>	Based on available data, the classification criteria are not met.		
<b>Serious Eye Damage/Irritation</b>	Based on available data, the classification criteria are not met.		
<b>Respiratory or Skin sensitisation</b>	May cause an allergic skin reaction.		
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.		
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.		
<b>Reproductivity</b>	Based on available data, the classification criteria are not met.		
<b>STOT - Single Exposure</b>	Based on available data, the classification criteria are not met.		
<b>STOT - Repeated Exposure</b>	Based on available data, the classification criteria are not met.		
<b>Aspiration Hazard</b>	Based on available data, the classification criteria are not met.		
<b>Legend:</b>	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances		

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

<b>ICE PACK,COLD PACK ,ICE BOX, COOL MAT</b>	Harmful to aquatic life with long lasting effects.
--	--

## Persistence and degradability

<b>Ingredient</b>	<b>Persistence: Water/Soil</b>	<b>Persistence: Air</b>
	Not Available	Not Available

## Bioaccumulative potential

<b>Ingredient</b>	<b>Bioaccumulation</b>
	Not Available

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

## Mobility in soil

Ingredient	Mobility
	Not Available

## SECTION 13 DISPOSAL CONSIDERATIONS

## Waste treatment methods

Product / Packaging disposal	<ul style="list-style-type: none"> <li>▶ Containers may still present a chemical hazard/ danger when empty.</li> <li>▶ Return to supplier for reuse/ recycling if possible.</li> <li>▶ <b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></li> <li>▶ It may be necessary to collect all wash water for treatment before disposal.</li> <li>▶ Recycle wherever possible.</li> <li>▶ Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</li> </ul>
------------------------------	--

## SECTION 14 TRANSPORT INFORMATION

Marine Pollutant	NO
------------------	----

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

## SECTION 15 REGULATORY INFORMATION

## Safety, health and environmental regulations / legislation specific for the substance or mixture

## ACRYLIC ACID/ SODIUM ACRYLATE COPOLYMER IS FOUND ON THE FOLLOWING REGULATORY LISTS

Japan Chemical Substances Control Law - Existing/Newly Announced Chemical Substances (Japanese)	Japan GHS Classifications (English)
Japan Chemical Substances Control Law : Priority Assessment Chemical Substances	

## WATER IS FOUND ON THE FOLLOWING REGULATORY LISTS

Japan Chemical Substances Control Law - Existing/Newly Announced Chemical Substances (Japanese)	Japan Industrial Safety and Health Law (Japanese)
---	---

## REACTION MASS OF 5-CHLORO-2-METHYL- 2H-ISOTHIAZOL-3-ONE AND 2-METHYL- 2H-ISOTHIAZOL-3-ONE (3:1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Japan Civil Aeronautics Law - Corrosive Substances (Japanese)	Japan Ships Safety Law - Corrosive Substances (Japanese)
Japan Industrial Safety and Health Act (ISHA) - Corrosive Liquid	

ISHA – Industrial Safety and Health Act	Labeling and Deliver of Documents, etc. SDS required		
	CABINET ORDER NAME	CABINET ORDER NO	
	Not Applicable	Not Applicable	
	Labeling, etc.		
	CABINET ORDER NAME	CABINET ORDER NO	
	Not Applicable	Not Applicable	
	Permission for Manufacturing		
	CABINET ORDER NAME	CABINET ORDER NO	
	Not Applicable	Not Applicable	
	Relevant Ordinances		
DANGEROUS SUBSTANCES - OXIDISING	Not Applicable		
DANGEROUS SUBSTANCES - FLAMMABLE	Not Applicable		
ORGANIC CHEMICAL SUBSTANCE	Not Applicable		
SPECIFIED CHEMICAL SUBSTANCES	Not Applicable		
PRTR - Pollutant Release and Transfer Register Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the	CLASSIFICATION	CABINET ORDER NAME	CABINET ORDER NO
	Not Applicable	Not Applicable	Not Applicable

## ICE PACK,COLD PACK ,ICE BOX, COOL MAT

<b>Environment and Promotion of Improvements to the Management Thereof</b>		
<b>PDSCL - Poisonous and Deleterious Substances Control Act</b>	Not Applicable	
<b>CSCS - Chemical Substances Control Law</b>	<b>PRIORITY ASSESSMENT CHEMICAL SUBSTANCES</b>	2-tert-Butylphenol, Sodium salts of polymer of acrylic acid
	<b>CLASS I SPECIFIED CHEMICAL SUBSTANCES</b>	Not Applicable
	<b>CLASS II SPECIFIED CHEMICAL SUBSTANCES</b>	Not Applicable
	<b>MONITORING CHEMICAL SUBSTANCES</b>	Not Applicable
	<b>GENERAL CHEMICAL SUBSTANCES</b>	Water (purified water)

## SECTION 16 OTHER INFORMATION

## Other information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

## Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average  
 PC—STEL: Permissible Concentration-Short Term Exposure Limit  
 IARC: International Agency for Research on Cancer  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 STEL: Short Term Exposure Limit  
 TEEL: Temporary Emergency Exposure Limit.  
 IDLH: Immediately Dangerous to Life or Health Concentrations  
 OSF: Odour Safety Factor  
 NOAEL :No Observed Adverse Effect Level  
 LOAEL: Lowest Observed Adverse Effect Level  
 TLV: Threshold Limit Value  
 LOD: Limit Of Detection  
 OTV: Odour Threshold Value  
 BCF: BioConcentration Factors  
 BEI: Biological Exposure Index