

Safety Data Sheet

29 CFR 1910.1200

Printing date 09/26/2019


Version number 1

Reviewed on 09/26/2019

1 Identification

- **Product identifier**
- **Trade name:** ICE PACK
- **Recommended use of the chemical and restrictions on use:**
- **Application of the substance / the preparation:** ROR COLD RFESH
-
- **Other U.S. contact point:** Not available
- **Further information obtainable from:** ZHEJIANG GINT VACUUM FLASK TECHNOLOGY CO.,LTD
- **Emergency telephone number:**
Poison Center
Tel: +1 800 222 1222
- **Reference Number:** GZHL1909038874CW, CANHG1918542801

2 Hazard(s) identification

- **Classification of the substance or mixture**
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)
-  GHS07
Skin Sens. 1 H317 May cause an allergic skin reaction.
- **Information concerning particular hazards for human and environment:**
The product has to be labeled due to the calculation procedure of OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **Classification system:**
The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.
- **Label elements**
- **Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)**
- **Hazard pictograms**



GHS07

- **Signal word** *Warning*
- **Hazard-determining components of labeling:**
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
- **Hazard statements**
H317 May cause an allergic skin reaction.
- **Precautionary statements**
 - P261 *Avoid breathing dust/fume/gas/mist/vapors/spray*
 - P272 *Contaminated work clothing must not be allowed out of the workplace.*
 - P280 *Wear protective gloves.*
 - P302+P352 *If on skin: Wash with plenty of water.*
 - P333+P313 *If skin irritation or rash occurs: Get medical advice/attention.*
 - P321 *Specific treatment (see on this label).*

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P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazards not otherwise classified (HNOC)** No further relevant information available.


3 Composition/information on ingredients

· **Chemical characterization:** Mixtures

· **Description:**

Mixture of the substances listed below with nonhazardous additions.
 For the wording of the listed hazard statements refer to Section 16.

· **Composition:**

7732-18-5	Water	95.0%
9033-79-8	Poly(acrylic acid) partial sodium salt	4.8%
55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314;  Skin Sens. 1, H317	0.2%

4 First-aid measures

· **Description of first aid measures**

· **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.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Special protective equipment and precautions for firefighters**

· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures:** Not required.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **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.

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7 Handling and storage

- **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 protection against explosions and fires:** *No special measures required.*
- **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.*

8 Exposure controls/personal protection

- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **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:**
- **Breathing equipment:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **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.*

9 Physical and chemical properties

- **General Information**
- **Appearance:**
Form:

Gel

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· Color:	Colourless
· Odor:	Odorless
· Odor threshold:	Not available
· pH-value:	Not available
· Change in condition	
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
· Flash point:	Not available
· Flammability (solid, gaseous):	Not available
· Auto-Ignition temperature:	Not available
· Decomposition temperature:	Not available
· Explosion limits:	
Lower:	Not available
Upper:	Not available
· Vapor pressure:	Not available
· Density:	Not available
· Relative density:	Not available
· Vapor density:	Not available
· Evaporation rate:	Not available
· Solubility in / Miscibility with Water:	Not available
· Partition coefficient (n-octanol/water):	Not available
· Viscosity:	
Dynamic:	Not available
Kinematic:	Not available
· Other information	No further relevant information available.

10 Stability and reactivity

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

11 Toxicological information

· **Acute toxicity:**

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

55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral	LD50	60 mg/kg (mouse)
		53 mg/kg (rat)

· **Skin corrosion/irritation:** Irritating effect possible.

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- **Serious eye damage/irritation:** Irritating effect possible.
- **Respiratory or skin sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

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

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|-------------------------------------|----------------|
| · UN-Number | |
| · DOT, IMDG, IATA | Not applicable |
| · UN proper shipping name | |
| · DOT, IMDG, IATA | Not applicable |
| · Transport hazard class(es) | |
| · DOT, IMDG, IATA | |
| · Class | Not applicable |
| · Label | - |
| · Packing group | |
| · DOT, IMDG, IATA | Not applicable |
| · Environmental hazards: | |
| · Marine pollutant: | No |

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- | | |
|---|-----------------------|
| <i>· Special precautions for user</i> | <i>Not applicable</i> |
| <i>· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</i> | <i>Not applicable</i> |
| <i>· UN "Model Regulation":</i> | <i>Void</i> |

15 Regulatory information

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

<i>· Section 355 (extremely hazardous substances):</i>	<i>None of the ingredients is listed.</i>
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<i>· Section 313 (Specific toxic chemical listings):</i>	<i>None of the ingredients is listed.</i>
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<i>· TSCA (Toxic Substances Control Act):</i>		
<i>7732-18-5</i>	<i>Water</i>	<i>ACTIVE</i>
<i>9033-79-8</i>	<i>Poly(acrylic acid) partial sodium salt</i>	<i>ACTIVE</i>

- Proposition 65*

<i>· Chemicals known to cause cancer:</i>	<i>None of the ingredients is listed.</i>
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<i>· Chemicals known to cause reproductive toxicity for females:</i>	<i>None of the ingredients is listed.</i>
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<i>· Chemicals known to cause reproductive toxicity for males:</i>	<i>None of the ingredients is listed.</i>
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<i>· Chemicals known to cause developmental toxicity:</i>	<i>None of the ingredients is listed.</i>
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<i>· New Jersey Right-to-Know List:</i>	<i>None of the ingredients is listed.</i>
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<i>· New Jersey Special Hazardous Substance List:</i>	<i>None of the ingredients is listed.</i>
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<i>· Pennsylvania Right-to-Know List:</i>	<i>None of the ingredients is listed.</i>
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<i>· Pennsylvania Special Hazardous Substance List:</i>	<i>None of the ingredients is listed.</i>
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- Cancerogenity categories*

<i>· EPA (Environmental Protection Agency)</i>	<i>None of the ingredients is listed.</i>
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<i>· TLV (Threshold Limit Value established by ACGIH)</i>	<i>None of the ingredients is listed.</i>
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<i>· NIOSH-Ca (National Institute for Occupational Safety and Health)</i>	<i>None of the ingredients is listed.</i>
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16 Other information

- Relevant hazard statements*
H301 Toxic if swallowed.

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H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

· *****

The contents and format of this SDS are in accordance with 29 CFR 1910.1200.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

· **Date of preparation / last revision** 09/26/2019 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Acute Tox. 3: Acute toxicity – Category 3

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

Skin Sens. 1: Skin sensitisation – Category 1

· *****

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