

**Xiamen Worthfind Industrial Complex., Ltd.**

According to OSHA 29 CFR 1910.1200 HCS

# Material Safety Data Sheet (MSDS)

Product Name:	TOURIT ICE PACK
Model No.:	/

Written by: Linda  
(Linda)

Inspected by: Jose  
(Jose)

Approved by:



**ISSUED BY: ZHONGKE SERVICES OF TESTING (SHENZHEN) CO., LTD.**

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Initial Date: Jan. 19, 2024

Revision Date: Jan. 19, 2024



# Material Safety Data Sheet

MSDS No.: E92.240.119.010.XWI	Initial Date: Jan. 19, 2024	Version: 1.0
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Section 1

Product and Company Identification

## Product identification

Product Name:	TOURIT ICE PACK
Model No.:	/

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

Identified uses:	Used for cooling, suitable for all kinds of use scenarios that need to carry frozen food and cold drinks, such as outdoor picnic, outing, travel or working meals
Uses advised against:	No special note

## Details of the applicant, supplier

Company name:	Xiamen Worthfind Industrial Complex., Ltd.
Address:	9th Floor, Building 5, Torch Xinke Plaza, Huli District, Xiamen City, P.R.China
Post code:	361015
Telephone:	+86-18259893523
Fax:	/
E-mail:	3263418728@qq.com

## Emergency telephone number

Emergency telephone:	+86-18259893523
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Section 2

Hazard Description

Hazard class and label elements of the product according to OSHA 29 CFR 1910.1200 HCS:

## GHS Hazard class

	Non-hazardous substance or mixture.
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## GHS label elements

Pictogram(s):	None
Signal word:	None



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Hazard statements

Not applicable.

Other Hazards

None.

Hazard description

Physical and chemical hazards

Non-flammable, no special combustion and explosion characteristics.

Health hazards

None.

Environmental hazards

Please refer to Section 12 of MSDS.

Section 3

Composition/Ingredient Data

☐ Substance☒ Mixture

Component(s)		Content, %	CAS No.
Contents	Water	98	7732-18-5
	CMC	2	9000-11-7
Shell	Polyethylene	100	9002-88-4

Section 4

First Aid Measures

Description of first aid measures

General advice:	Show this material safety data sheet to the doctor in attendance. After receiving the first-aid measure required, consult a physician if necessary.
Skin contact:	In case of mild frostbite, please rewarm. In case of deep frostbite, seek medical advice.
Eyes contact:	Check for and remove any contact lenses, occasionally lifting the upper and lower eyelids. Immediately flush eyes with running water, disappear until the chemical residues so far.





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	Provide a readily-accessible eyewash facility and quick-drench safety shower. Do not rub eyes with hands. If eye irritation occurs or persists, consult a physician immediately.
Inhalation:	Move exposed person to fresh air. Maintain an open airway. Keep person warm and at rest. If breathing is irregular, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.
Ingestion:	Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.

Most important acute and delayed symptoms/effects

1	The most important known symptoms and effects are described in section 2 and/or in section 11.
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Immediate/special treatment

1	Continue with first aid measures. Treat symptomatically and supportively.
2	Symptoms may be delayed.

Section 5 Firefighting Measures

Extinguishing agent

Suitable extinguishing agents:	Use water spray, dry sand, dry chemical or CO <sub>2</sub> foam extinguishing. Water spray can be used to cool fire exposed containers/materials. Use extinguishing media most appropriate for the surrounding fire.
Unsuitable extinguishing agents:	Do not use a solid water stream as it may scatter or spread fire.





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## Special hazards arising from the substance or mixture

- 1 If this product is involved in a fire, the following can be released: Carbon oxides and other toxic fumes.

## Fire precautions and measures

- 1 Firefighters must wear self-contained breathing apparatus, wear full body fire suit, fire extinguishing in the upwind.
- 2 As far as possible will be transferred to empty containers from the scene.
- 3 Keep the fire water spray containers cooling, until the end of fire.
- 4 If the containers in the fire ground have been color, must be evacuated immediately.
- 5 Isolated accident scene, prohibit access.
- 6 Receiving and processing of fire water, to prevent environmental pollution.

## Section 6 Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- 1 No action shall be taken involving any personal risk or without suitable training.
- 2 Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
- 3 Do not touch or walk through spilt material, avoid slipping.
- 4 Avoid breathing steam.
- 5 Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
- 6 Put on appropriate personal protective equipment (see section 8).

### Environmental precautions

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

### Methods and materials for containment and cleaning up

- 1 The packaging is solid after frozen, not easy to leak, if the packing is broken, contents after thawing can produce leakage flow, goods may be contaminated.  
Small spill: Stop leak if without risk. Move containers from spill area. Wash with water or wipe up with absorbent material (e.g. cloth, fleece) and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.





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	Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth.
2	Contaminated absorbent material may pose the same hazard as the spilt product.
3	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

## Section 7 Handling and Storage

### Precautions for safe handling

1	This product should be handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.
2	When storing unfrozen products, avoid direct sunlight and keep them in cool and dark place.
3	To avoid tearing, do not handle the hard frozen products roughly.
4	Keep away from heat/open flames/hot surfaces.
5	Normal measures for preventive fire protection.
6	Observe good housekeeping procedures and hygiene practices.
7	Handling carefully to prevent damage the packaging and container.
8	Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.
9	Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment.

### Precautions for storage

1	Store in accordance with local regulations. Stored in a dry, cool and well-ventilated area.
2	Freeze the products enough in freezer(-15℃ or below) before using.
3	Avoid direct sunlight. Keep away from open flames and high temperatures, away from incompatible materials (see section 10).
4	TOURIT ICE PACKS are the products to keep the cold, not to cool the object. Products need enough freezes beforehand.
5	Equipped with corresponding varieties and number of fire equipment and spill contingency processing equipment.





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6	Keep out of reach of children and pets.
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Section 8 Exposure Controls/Personal Protection

Control parameters


Occupational Exposure limit values

1	There is no known exposure limits prescribed by the state.
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Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

General requirements:	
Respiratory protection:	Normally not required if used as intended. If exposure limits are exceeded or if irritation or other symptoms are experienced, use multi-function respirator.
Eye protection:	Normally not required if used as intended. Wear safety glasses when the product is damaged or leaked and there is a potential for eye contact.
Skin and body protection:	Wear suitable protective clothing and boots.
Hands protection:	Wear protective gloves. Check protective gloves prior to each use for their proper condition. 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.

Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties



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Appearance and character:	TOURIT ICE PACK state under in freezer (-15℃ or below) temp: Solid; Room temperature: White plastic shell containing blue liquid
Odor:	Odorless
Melting point/freezing point (℃):	<0
Initial boiling point and boiling range (℃):	No data/Not applicable
Flash point (Closed cup, ℃):	>93
Evaporation rate:	No data/Not applicable
Steam pressure (20℃):	No data/Not applicable
Relative density (water=1, g/cm³):	No data/Not applicable
Partition coefficient: n-octanol/water:	No data/Not applicable
Decomposition temperature (℃):	No data/Not applicable
Ignition point (℃):	No data/Not applicable
pH value:	No data/Not applicable
Explosion limit [% (v/v) ]:	Non-explosive
Relative vapor density(air=1):	No data/Not applicable
Solubility:	Soluble in water
Flammability (solid, gas):	Non-flammable
Oxidizing properties:	The substance does not belong to oxidizing substances

Section 10

Stability and Reactivity

Stability and Reactivity

Stability:	The product is chemically stable.
Reactivity:	Stable under recommended storage and handling conditions.



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Incompatible materials:	Strong oxidizing agents, strong acids and strong bases.
Conditions to avoid:	In contrast to the nature of the material, overheating, direct sunlight, heat, open flames, hot surfaces, mechanical vibration and power abuse.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11

Toxicological Information

Toxicological Information

Acute toxicity:	No data.
Skin corrosion/irritation:	According to the existing data, the product is not classified. Allergic persons to the substances contained, may be irritating to skin. Will not irritate to skin under normal conditions.
Eye corrosion/irritation:	Irritating effect possible.
Respiratory sensitization:	These products are not known to cause human respiratory sensitization.
Skin sensitization:	These products are not known to cause skin sensitization.
Germ cell mutagenicity:	According to the existing data, the product is not classified.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Reproductive toxicity:	According to the existing data, the product is not classified.
Specific target organ toxicity - single exposure:	According to the existing data, the product is not classified.
Specific target organ toxicity - repeated exposure:	According to the existing data, the product is not classified.
Aspiration hazard:	According to the existing data, the product is not classified.
Additional reproductive toxicity hazards:	According to the existing data, the product is not classified.



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Section 12 Ecological Information

Aquatic toxicity	
Acute/Chronic aquatic toxicity:	This product contains no hazardous or toxic substances, and presents a negligible impact on the environment based on its reported use pattern.
Persistence and degradability	
Persistence:	The products are usually with natural biodegradable.
Bioaccumulative potential	
Bioaccumulation:	The potential for bioaccumulation of this material in aquatic organisms is low.
Mobility in soil	
Mobility:	Will penetrate into the soil, will be dissolved in the soil material.
Other adverse effects	
1	Under environmental conditions, is not expected to have a detrimental effect on plants, animals or microorganisms. But do not allow material to be released to the environment without proper governmental permits.

Section 13 Disposal Considerations

Waste disposal	
Residual waste:	Before disposal should refer to the relevant national and local laws and regulation. The generation of waste should be avoided or minimized wherever possible. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system or transfer to a suitable container and arrange for collection by specialized disposal company if recycling is not feasible.
Contaminated packaging:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Disposal considerations:	Dispose of container and unused contents in accordance with national and local relevant regulations laws.





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Section 14

Transport Information

Transport rules

	According to IATA DGR 65 <sup>th</sup> Edition for transportation, IMO International Maritime Dangerous Goods Code (Amendment 41-22), European Agreement Concerning the International Carriage of Dangerous Goods by Road. The products are not subject to IATA DGR, IMDG and ADR/RID.
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Label(s) required

Label(s):	None
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Road transport (UN-ADR)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Sub risk:	None
Packaging group:	Not regulated
Special provisions:	None
Hazard code:	None

Air transport (ICAO-IATA/DGR)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Sub risk:	None
Packaging group:	Not regulated
Special provisions for transportation:	None



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ERG code:	None
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Sea transport (IMDG-CODE)

UN number:	Not regulated
UN proper shipping name:	Not regulated
Transport hazard class(es)-Main:	Not regulated
Transport hazard class(es)-Sub risk:	None
Packaging group:	Not regulated
Special provisions for transportation:	None
Marine pollutants (Yes/No):	No
EmS No.:	None

Section 15Regulatory Information

U.S. Federal regulations

1	TSCA (Toxic Substances Control Act): All ingredients in this product are either listed, or exempt from listing, on the TSCA Inventory
2	CERCLA (Comprehensive Response Compensation, and Liability Act): Not determined
3	SARA Title III (Superfund Amendments and Reauthorization Act): None
4	SARA 313 Reportable Ingredients: None.

Section 16Other Information

Abbreviations or phrases

ACGIH:	American Conference of Governmental Industrial Hygienists
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road



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CAS:	Chemical Abstracts Service
CLP:	Classification, labeling and packaging
EC:	Council of Europe
ECHA:	European Chemicals Agency
EINECS:	European Inventory of Existing commercial Chemical Substances
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
RID:	Regulation for rail International transportation of Dangerous goods
ICAO:	International Civil Aviation Organization
IMDG:	International Maritime Dangerous Goods Code
IC <sub>50</sub> :	Inhibitory Concern Triton 50%
LC <sub>50</sub> :	Lethal Concentration 50%
LD <sub>50</sub> :	Median Lethal Dose 50%
MAPROL:	International Convention for the Prevention of Pollution from Ships
REACH:	REGULATION concerning the Registration, Evaluation, Authorization and Restriction of Chemicals
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average
MAC:	Maximum Allowable Concentration
OSHA:	Occupational Safety and Health Administration
NIOSH:	National Institute for Occupational Safety and Health
TLV:	Threshold Limit Value
TLV-TWA:	Threshold Limit Value-Time Weighted Average
TLV- STEL:	Threshold Limit Value-Short term Exposure Limit
PC-TWA:	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
PEL:	Permissible Exposure Limit



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OELs:	Occupational Exposure Limits
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Reference

1	IARC
2	OECD: The Global Portal to Information on Chemical Substances
3	U.S. Department of Transportation: ERG
4	Germany GESTIS-database on hazard substance
5	CAMEO Chemicals
6	NLM: ChemIDplus
7	EPA: Integrated Risk Information System
8	IPCS: The International Chemical Safety Cards (ICSC)

Disclaimer

1	The above information is believed to be correct but we can not guarantee the absolute universality and accuracy and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
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