



中国认可
检验
INSPECTION
CNAS IB0071



NO.2621040069

SAFETY DATASHEET

Product Name: Jelly ice

Effective Date: 2024-01-14

Compiler: Chen Yushuang

Checker: Liu Limin

Approver: Zhangxiangjin



Shanghai Institute of Chemical Industry Testing Co., Ltd.



Guangzhou QTOP Cold Chain Sciences Co.,Ltd

SAFETY DATA SHEET

Jelly ice

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Jelly ice

Company: Guangzhou QTOP Cold Chain Sciences Co.,Ltd

Address: No. 4, South 4th Lane, Dening Road, Caohe Industrial Zone, Qiaonan Street, Panyu District, Guangzhou, 511486, P. R. China

Email: 3270695168@qq.com

Fax: 86-20-39211337-609

Emergency Phone: 86-20-39211361; 86-20-39211337

Recommend use of the chemical and restrictions on use: Used as cold storage ice bag, cold storage ice crystal box, cold storage medium. Do not eat.

SDS Number: 2621040069

Effective Date: 2024-01-14

SECTION2 HAZARDS IDENTIFICATION

GHS Classification:

Physical Hazards:
Not Classified

Health Hazards:
Not Classified

Environmental Hazards:
Classification not possible

The hazards not mentioned are not applicable or no data available.

Label Elements:

Pictogram:
Unknown

Signal Word:
Unknown

Hazard Statements:

Unknown

Prevention Precautionary Statements:

Unknown

Response Precautionary Statements:

Unknown

Storage Precautionary Statements:

Unknown

Disposal Precautionary Statements:

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

No data available.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Jelly ice

| Ingredient | Concentration | CAS No. | EC No. |
|-------------------------------|---------------|-----------|-----------|
| Mixtures: | | | |
| Distilled water | 75.5% | 7732-18-5 | 231-791-2 |
| Sodium chloride | 16% | 7647-14-5 | 231-598-3 |
| Polymer water-absorbing resin | 8% | 9003-04-7 | / |
| Sodium benzoate | 0.5% | 532-32-1 | 208-534-8 |

SECTION4 FIRST-AID MEASURES**Skin Exposure:**

In case of contacting with skin, flush with copious amounts of water. If irritation persists, Call a physician.

Eye Exposure:

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

Inhalation Exposure:

If inhaled, immediately remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

Oral Exposure:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

No data available.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

Specific Hazards Arising from the Chemical:

May decompose upon combustion or in high temperatures to generate Carbon oxides, sodium oxides, hydrogen chloride gas.

Special Protective Action for Fire-fighters:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Cut off the source of the leakage as far as possible. Remove all ignition sources. Keep away from or be upwind of leakage or spillage area. Unnecessary personnel are prohibited from entering.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

Methods and Materials for Containment and Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling:

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contacting with skin, eyes and clothing. Prevent generation of vapor or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Handling and unloading should be light, to prevent packaging broken, damp and cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

SECTION 8 EXPOSURE CONTROL/PPE

Control Parameters:

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace - Part 1: Chemical
Hazardous Agents: Not set up.
ACGIH: Not set up.

Appropriate Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Individual Protection Measures:

Eye/Face Protection:

Wear chemical safety glasses if needed.

Skin Protection:

Hand Protection: Wear compatible protective gloves.

Body Protection: Wear appropriate protective clothing.

Respiratory Protection:

Wear government approved respirator if needed.

Thermal Hazards:

No data available.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES**Appearance:** Colorless transparent liquid**Odor:** Weak odor**pH Value:** 7.2-7.3 (1:1 (water) solution)**Solubility:** Soluble in water**Boiling Point,** No data available**Initial Boiling****Point and Boiling****Range:** Not applicable**Melting****Point/Freezing****Point:** >96.0°C**Flash Point****(Closed Cup):****Density/Relative** No data available**Density:****Kinematic** No data available**Viscosity:****Lower/Upper** No data available**Explosion****Limit/Flammabili****ty Limit:****Vapour Pressure:** No data available**Relative Vapor** No data available**Density:****Partition** No data available**Coefficient****N-Octanol/Water(****Log Value):****Autoignition** No data available**Temperature:****Decomposition** No data available**Temperature:****Particle** Not applicable**Characteristics:****Flammability** Not applicable**(Solid, Gas):****SECTION10 STABILITY AND REACTIVITY****Reactivity:**

No data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No data available.

Conditions to Avoid:

No data available.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Carbon oxides, sodium oxides, hydrogen chloride gas.

SECTION11 TOXICOLOGICAL INFORMATION**Acute Toxicity:**

Sodium chloride: Rat Oral LD₅₀: 3000 mg/kg

Polymer water-absorbing resin: Rat Oral LD₅₀: >40000 mg/kg

Sodium benzoate: Rat Oral LD₅₀: 4070 mg/kg

Skin Corrosion/Irritation:

No data available.

Serious Eye Damage/Irritation:

No data available.

Respiratory Sensitization:

No data available.

Skin Sensitization:

No data available.

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

No data available.

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity -Single Exposure:

No data available.

Specific Target Organ Toxicity -Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

SECTION12 ECOLOGICAL INFORMATION**Toxicity:**

No data available.

Persistence and Degradability:

No data available.

Bioaccumulative Potential:

No data available.

Mobility in Soil:

No data available.

Other Adverse Effects:

No data available.

SECTION13 DISPOSAL CONSIDERATION**Disposal Methods:**

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

SECTION14 TRANSPORT INFORMATION

RID/ADR (2019 Edition): The product is not subject to RID/ADR.

IATA DGR (62nd Edition): The product is not subject to IATA DGR.

IMO IMDG Code (2018 Edition): The product is not subject to IMO IMDG Code.

Environmental Hazards: No.

Special Precautions for User: No data available.

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

SECTION15 REGULATORY INFORMATION

Montreal Protocol:
Not listed.

Stockholm Convention:
Not listed.

Rotterdam Convention:
Not listed.

EINECS/ELINCS:
Distilled water, Sodium chloride, Sodium benzoate in the product are listed.

TSCA:
All ingredients in the product are listed.

IECSC:
All ingredients in the product are listed.

SECTION16 OTHER INFORMATION

Preparation Date:
2024-01-14

Preparation Department:

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.
Tel (Fax): +86-21-52815377/31765555

Revision:

0

Reference Standard:

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 8th revised edition

Abbreviations and Acronyms:

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists LD₅₀: Lethal dose, 50% ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road RID: Regulations concerning the International Carriage of Dangerous Goods by Rail IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code IATA DGR: International Air Transport Association Dangerous Goods Regulations MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China

Other Information:

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.