

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** IGLOO 3.5 CU FT CHEST FREEZER FRF434I-B

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Appliance - Refrigerator (no WiFi or Touchscreen)

**Uses advised against** No information available

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

**Supplier Name** Guangzhou Wanbao Group Refrigerator Co., Ltd

**Supplier Address** Industry Cluster District, MinQuan  
Shangqiu  
Henan  
476000  
CN

**Supplier Phone Number** Phone:0370-3053292

**Supplier Email** tangguifeng123@163.com

### Emergency telephone number

**Company Emergency Phone Number** 13631420401

## 2. HAZARDS IDENTIFICATION

### Classification


This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flammable gases	Category 1
Gases under pressure	Liquefied gas

### GHS Label elements, including precautionary statements



### Emergency Overview

<b>Signal word</b>	<b>Danger</b>	
Extremely flammable gas Contains gas under pressure; may explode if heated		
		
<b>Appearance</b>	Clear, colorless	<b>Physical state</b> Compressed liquefied gas Gas
		<b>Odor</b> Odorless

#### Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

#### Precautionary Statements - Response

##### Fire

Leaking gas fire: Do not extinguish, unless leak can be stopped safely  
Eliminate all ignition sources if safe to do so

#### Precautionary Statements - Storage

Store in a well-ventilated place  
Protect from sunlight. Store in a well-ventilated place

#### Precautionary Statements - Disposal

None

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Unknown Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

#### Other information

This product contains a chemical that is a compressed gas at room temperature. Contact with liquid may cause frostbite.  
Exposure to the gas in high concentrations may displace oxygen and cause asphyxiation, cardiac arrhythmia, and central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.  
May cause slight eye irritation

#### Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Percent	Trade Secret
Isobutane	75-28-5	60 - 100	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

#### General Advice

In case of rupture: Do not get in eyes, on skin, or on clothing. Do not breathe gas/mist/vapors.

#### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

#### Skin contact

In case of contact with liquefied gas, thaw frosted parts with lukewarm water.

#### Inhalation

Remove to fresh air. If breathing is difficult, (trained personnel should) give oxygen. If not breathing, give artificial respiration.

#### Ingestion

Not an expected route of exposure. Call a physician immediately.

#### Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

#### Most important symptoms and effects, both acute and delayed

#### Most Important Symptoms and Effects

Tremors, other central nervous effects. Irregular cardiac activity. Frostbite.

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

#### Notes to Physician

A patient adversely affected by exposure to this product should not be given adrenaline (epinephrine) or similar heart stimulant since these would increase the risk of cardiac arrhythmias.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Dry chemical. Carbon dioxide (CO<sub>2</sub>). Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

### **Unsuitable extinguishing media**

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

### **Specific hazards arising from the chemical**

Ruptured cylinders may rocket. Some may burn but none ignite readily. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

**Uniform Fire Code**                      Compressed Gas: Flammable

### **Hazardous Combustion Products**

Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact**      Yes.

**Sensitivity to Static Discharge**        No.

### **Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      Stop leak if you can do it without risk.

**Other Information**                          Ventilate the area.

### **Environmental precautions**

**Environmental precautions**              Prevent entry into waterways, sewers, basements or confined areas.

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

**Methods for containment**                  If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.

**Methods for cleaning up**                  Do not direct water at spill or source of leak.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Do not breathe vapor or mist. Do not smoke. Use with local exhaust ventilation. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. Do not breathe dust/fume/gas/mist/vapors/spray.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible Products** Incompatible with active metals, alkali or alkaline earth metals - powdered Al, Zn, Be etc, Strong oxidizing agents. Chlorine.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isobutane 75-28-5	STEL: 1000 ppm	N/A	N/A

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Compressed liquefied gas, Gas	<b>Odor</b>	Odorless
<b>Appearance</b>	Clear, colorless	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
pH	No data available	None known	
Melting / freezing point	No data available	None known	
Boiling point / boiling range	No data available	None known	
Flash Point	No data available	None known	
Evaporation Rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability Limit in Air			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific Gravity	0.56	None known	
Water Solubility	Insoluble in water	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition temperature	No data available	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	No data available	None known	
Explosive properties	No data available		
Oxidizing properties	No data available		

### Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Excessive heat.

### Incompatible materials

Incompatible with active metals, alkali or alkaline earth metals - powdered Al, Zn, Be etc, Strong oxidizing agents. Chlorine.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

Product does not present an acute toxicity hazard based on known or supplied information. In case of rupture:.

#### Inhalation

In high concentration the gas may cause a suffocation. Victim may not be aware of asphyxiation. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. May cause drowsiness and dizziness based on components.

#### Eye contact

Specific test data for the substance or mixture is not available. This product contains a chemical that is a compressed gas at room temperature. Contact with liquid may cause frostbite.

#### Skin contact

Specific test data for the substance or mixture is not available. This product contains a chemical that is a compressed gas at room temperature. Contact with liquid may cause frostbite.

#### Ingestion

Specific test data for the substance or mixture is not available. Not an expected route of exposure.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isobutane 75-28-5	-	-	= 658 mg/L ( Rat ) 4 h

### Information on toxicological effects

#### Symptoms

No information available.



**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Target Organ Effects</b>	None known.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document  
Not applicable

<b>12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical name	Log Pow
Isobutane 75-28-5	2.88

**Other adverse effects**

No information available.



**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes** 331

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	NOT REGULATED
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG/IMO</u></b> Hazard Class	Not regulated N/A
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b> Tunnel restriction code	Not regulated (B/D)
<b><u>ADN</u></b>	Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA	Not determined
DSL	Not determined
IECSC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372



**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	Yes
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Isobutane 75-28-5	X	X	X		
N-Butane 106-97-8	X	X	X		

**International Regulations****Canada****WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards 1</b>	<b>Flammability 1</b>	<b>Instability 1</b>	<b>Physical and Chemical Hazards -</b>
<b>HMIS</b>	<b>Health Hazards 1</b>	<b>Flammability 4</b>	<b>Physical Hazard 1</b>	<b>Personal Protection X</b>

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Revision Note</b>	No information available

**Disclaimer**

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information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

