



# MATERIAL SAFETY DATA SHEET

YAC CHEMICALS LIMITED

Product: Freeze Spray

Tel : +86-755-27806351

Fax : +86-755-27806352

Website: [www.yacgp.com](http://www.yacgp.com)

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## 1. Identification of the Substance/Preparation And Company

**Product Identification** : Freeze Spray  
**Trade Name** : Freeze Spray  
**Chemical Name** : Mixed  
**Manufacturer's Name** : YAC CHEMICALS LIMITED  
**Address** : ROOM 329, BLOCK B1, MINGYOU INDUSTRIAL PRODUCTS PURCHASE CENTER, BAOYUAN ROAD, XIXIANG, BAOAN DISTRICT, SHENZHEN, CHINA.  
**Telephone** : +86-755-27806351  
**Fax** : +86-755-27806352  
**E-mail** : admin@yacgp.com  
**Internet** : www.yacgp.com

## 2. Composition / Information on ingredients

<i>Ingredients</i>	<i>CAS#</i>	<i>%(By weight)</i>	<i>risk phrases</i>	<i>safety phrases</i>
Butane	106-97-8	30-40	R12	S9-16
Isobutane	75-28-5	30-40	R12	S9-16
Dimethoxymethane	109-87-5	5.0-10	R11,R36/37/38	S16,S26,S37/39
Propane	74-98-6	1-10	R12	S9-16
Propylene Glycol	57-55-6	1.0-5.0	None	S24/25
Menthol	89-78-1	0.1-0.5	R36/37/38	S24/25

## 3. Hazardous Identification

### Potential Health Effects

#### Eye

Can cause eye irritation. Additional symptoms of eye exposure may include: blurred vision

#### Skin

May cause allergic skin irritation. Passage through the skin may add to toxic effects from breathing or swallowing.

#### Swallowing

Swallowing small amounts of this material during normal handling is likely to cause harmful effects.

#### Inhalation

Breathing small amounts of this material during normal handling is likely to cause harmful effects.

#### Symptoms of Exposure

Stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), and death.

#### Target Organ Effects



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Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals, and may aggravate preexisting disorders of these organs in humans: stomach, lung, liver.

### Developmental Information

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

### Cancer Information

No data

### Other Health Effects

No data

### Primary Route(s) of Entry

Inhalation, skin absorption, Skin contact

## 4. First Aid Measures

**Inhalation:** If feel dizzy, breathe fresh air, Get medical attention if any discomfort continues.

**Eye Contact:** Promptly wash eyes with plenty of running water while lifting the eye lids. Get medical attention if any discomfort continues.

**Skin Contact:** If irritation occurs, wash well with water. If irritation persists, seek medical advice

**Ingestion:** If accidentally swallowed, do not induce to vomit, keep at rest and obtain medical attention.

## 5. Fire Fighting Measures

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. CO<sub>2</sub> dry chemical foam.

**Special Fire Fighting Procedures:** Use water to keep fire exposed containers cool and disperse vapor.

## 6. Accidental Release Measures

Extinguish all ignition sources, avoid sparks, flames heat and smoking, and ventilate the area. Absorb with inert, dramp noncombustible material, then flush area with water.

## 7. Handling And Storage

**Handling:** Avoid contact with eyes.

**Storage:** Store in cool dry. Storage life is minimum 2 years below 50°C.

Keep out of reach of children.

Keep in cool place and avoid contact from direct sunshine.

## 8. Exposure Controls And Personal Protection



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**Respiratory Protection:** No risk for respiratory

**Hand Protection :** No special measure necessary

**Eyes Protection:** Avoid contact with eyes.

**Exposure Controls:** Shut off all sources of ignition .Absorb spill on to paper or cloth and remove to a safe area for burning.Flush the contaminated area .

### 9.Physical And Chemical Properties

**ODOR:** Depends on the odor of the essence.

**COLOUR & APPEARANCE:** colorless clear liquid.

**PH:** 6-8

**Density (g/cm<sup>3</sup>) :** 0.6-0.9

**Flash Point:** Flash point applies only to liquids and is not applicable to aerosols.

**Explosive Limit:** lower:1.5% upper:9.5% (For LPG)

**Vapor Density:** Heavier than air

### 10.Stability and Reactive

Stabilized under normal conditions.

### 11.Toxicological Information

**Acute Toxicity :** None known

**Effect Of Chronic Exposure :** None known

Harmful is swallowed.Product not contains any irritant materials.

### 12.Ecological Information

There is no experimental data available on the product itself.

### 13.Disposal Considerations

Dispose of in accordance with local authority requirements.

### 14.Transport Information

UN Proper shipping name: Aerosols

UN NO:1950

Packing group: II

Transport hazard class:2.1



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Marine Pollutant :No

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### **15.Regulatory Information**

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

#### **R PHRASES USED IN THIS DOCUMENT**

R11: It's very flammable.

R36/37/38: It has stimulation on eyes, respiratory tract and skin.

R12: Extremely flammable.

#### **S PHRASES USED IN THIS DOCUMENT**

S9: keep the container in a well ventilated place.

S24/25:Avoid contact with skin and eyes.

S16:Keep Away from sources of ignition.

S26:In Case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Use suitable gloves and protective glasses or masks.

### **16.Other Information**

The data are based on the current state of our knowledge , and are intended to describe the product with regard to the requirements of safety. The data should not be taken imply any guarantee of a particular or general specification. We do not accept responsibility for any harm caused by the use of this information.