



MATERIAL SAFETY DATA SHEET

YAC CHEMICALS LIMITED

Product: heat&freeze spray

Tel : +86-755-27806351

Fax : +86-755-27806352

Website: www.yacgp.com

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20200314

1. Identification of the Substance/Preparation And Company

Product Identification : heat spray
Trade Name : heat 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>
Ethyl Alcohol	64-17-5	40-60	R11	S7-16
Butane	106-97-8	10-20	R12	S9-16
Isobutane	75-28-5	10-20	R12	S9-16
Methyl Salicylate	119-36-8	5-10	R22,R36/38	S24/25
Propane	74-98-6	1-5	R12	S9-16
Sodium benzoate	532-32-1	0.1-0.5	None	S24/25
Water	7732-18-5	0.1-0.5	None	None

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.



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Target Organ Effects

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. CO₂ 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.



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8.Exposure Controls And Personal Protection

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/cm³) : 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



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Transport hazard class:2.1

Marine Pollutant :No

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 flammabl

R12:Extremely flammable.

R22: Harmful if swallowed.

R36/38: It has a stimulating effect on the eyes and skin.

S PHRASES USED IN THIS DOCUMENT

S9: Keep the container in a well ventilated place.

S16:Keep away from sources of ignition.

S7: Keep the container close close.

S24/25: Prevent contact between the skin and the eye.

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.