



MATERIAL SAFETY DATA SHEET

YAC CHEMICALS LIMITED

Product: Water-based Insect killer

Tel : +86-755-27806351

Fax : +86-755-27806352

Website: www.yacgp.com

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1. Identification of the Substance/Preparation And Company

Product Identification : Water-based Insect killer
Trade Name : Water-based Insect killer
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>
Tetramethrin	7696-12-0	0.25%	R20	S24/25
Permethrin	52645-53-1	0.25%	R23/24/25,R43,R50/53	S13,S24,S45,S61
Water	7732-18-5	60-70%	-----	-----
Dimethyl ether	115-10-6	20-30%	R12	S9-16-33
Kerosene	8008-20-6	5-10	-----	S23
Emulsifier	-----	0.1-0.5%	-----	-----
Stabilizer	-----	0.1-0.5%	-----	-----
Corrosion inhibitor	-----	0.1-0.5%	-----	-----
Parfum	-----	0.1-0.5%	-----	-----

3. Hazardous Identification

HMIS: Health 1 Flamm. 4 React. 0

NFPA: Tox. 1 Flamm. 4 React. 0

HEALTH EFFECTS

Inhalation

May cause irritation to the upper respiratory system. Symptoms may include headache, dizziness, nausea, and loss of coordination are indication of excessive exposure to vapors or spray mist.

Eye Contact

May cause irritation. Symptoms may include redness, itching or burning sensation.

Skin Contact



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Prolonged or repeated exposure may cause irritation. Symptoms may include redness, itching or burning sensation.

Ingestion

None known

PRIMARY ROUTES OF EXPOSURE: Inhalation, eye/skin contact.

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

ANY INGRED. LISTED CARCINOGEN: **OSHA** Not listed. **IARC** Not listed. **NTP** Not listed.

4.First Aid Measures

Inhalation

If affected, remove from exposure. Restore breathing. Keep warm and quiet.

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin Contact

Wash affected area thoroughly with skin with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation persists.

Ingestion

DO NOT induce vomiting. Get medical attention immediately.

5.Fire Fighting Measures

Extinguishing Media :

Use extinguishing media appropriate for surrounding fire. CO₂ dry chemical foam.

Special Fire Fighting Procedures:

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible bursting containers from extreme heat.

Unusual Hazards

Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.



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6. Accidental Release Measures

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Remove all ignition sources. Ventilate area. Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with local, state or federal regulations.

7. Handling And Storage

Handling : Contents under pressure. Keep out of reach of children. Keep away from heat, sparks and open flames. Vapors will accumulate readily and may ignite explosively. Keep area ventilated. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances and any other sources of ignitions. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Harmful if inhaled or swallowed. Do not use in confined areas. Intentional misuse by deliberately concentrating and inhaling the contents of this container may be harmful or fatal. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage : Store in cool dry. Storage life is minimum 2 years for flash point 50°C.

Keep out of reach of children.

Keep in cool place and avoid contact from direct sunshine.

8. Exposure Controls And Personal Protection

Respiratory Protection: Use respirator only as a last resort to control exposure

Hand Protection : Wear CHEMICAL RESISTANT GLOVES if repeated skin contact occurs or causes irritation

Eyes Protection: Wear SAFETY GLASSES or GOGGLES to prevent eye contact

9. Physical And Chemical Properties

Odor: No peculiar smell.

Color & Appearance: (for component) liquid.

pH: 6-8

Density (g/cm³) : 0.7-0.9

Solubility in H₂O: Insoluble

10. Stability and Reactive

Stabilized under normal conditions.

11. Toxicological Information

Acute Toxicity : None known



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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

Marine Pollutant : No

15. Regulatory Information

Symbol Of Danger : Flammable

Risk Phrases : Extremely Flammable

Safety phrases:

--Keep away from heat

--Avoid contact with eyes.

R PHRASES USED IN THIS DOCUMENT

R 12: Extremely flammable

R26/28: Inhalation and inadvertently swallowing extreme poison.

R50 / 53: extremely toxic to aquatic organisms and may cause long-term adverse effects on the aquatic environment.

S PHRASES USED IN THIS DOCUMENT

S60: residues and containers of this substance must be treated as hazardous waste.

S 9: Keep container in a well-ventilated place

S 16: Keep away from sources of ignition - No smoking

S23: Do not breathe vapor

S 33: Take precautionary measures against static discharges

S 45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

S 61: Avoid release to the environment. Refer to special instructions/safety data sheet

S 1/2: Keep locked up and out of the reach of children

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection



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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.