

Material Safety Data Sheet (MSDS)

NO.: B001R260119003002

Date: Jan 19, 2026

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Applicant: ZHEJIANG JEROME HOUSEHOLD ARTICLES CO.LTD

Address: Dongnan Industrial Zone, Wuyi County, Jinhua City, Zhejiang Province

Sample name: Mosquito Repellent Liquid

Issue date: Jan 19, 2026

Test Requested: As specified by the client, Safety Data Sheet was prepared in accordance with UN GHS Rev.11, Regulation(EC) No 1907/2006 with amendment 2020/878, CLP Regulation (EC) No 1272/2008 with amendment 2023/707. Please refer to the attached report for details.

Dongguan City Tianrun Testing Technology Co.,Ltd.



Approved by: _____

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Material Safety Data Sheet

Section 1 - Identification of the substance/Mixture and of the company/Undertaking

Product Name: Mosquito Repellent Liquid**Manufacture:** ZHEJIANG JEROME HOUSEHOLD ARTICLES CO.LTD**Address:** Dongnan Industrial Zone, Wuyi County, Jinhua City, Zhejiang Province**Emergency Telephone:** +86 18358038055**E-mail:** 439637066@qq.com

Section 2 - Hazards Identification

GHS Hazard Categories: Hazardous to the aquatic environment, short-term (Acute) category 2;

Hazardous to the aquatic environment, long-term (Chronic) category 2.

**Pictograms:****Signal word:** Warning**Hazard information:**

H401 Toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

Precautionary statement(s):• **Prevention:**

P273 Avoid release to the environment.

• **Response:**

P391 Collect spillage.

• **Storage:**

P403 Store in a well-ventilated place.

• **Disposal:**

P501 Dispose of contents/containers in accordance with local/regional/national/international regulations.

Section 3 - Composition/Information on Ingredient

Pure ☐ Admixture ☒

Composition:

Chemical Name	In % By Weight	CAS No.
Meperfluthrin	0.8%	352271-52-4
Kerosene	99.2%	8008-20-6

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Section 4 - First Aid Measures

Skin contact: Remove contaminated clothes and rinse the skin with plenty of water, clean the soiled clothes before wearing.

Eyes contact: Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water.

Inhalation: Under normal circumstances will not inhalation.

Ingestion: Ingestion discomfort, get medical aid.

Section 5 - Fire Fighting Measures

Danger characteristic:

Non flammable and non explosive dangerous goods.

Fire-fighting method:

The staff must equip with isolated breathing apparatus, wear clothes which can defense fire and toxic gases. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible.

Fire extinguishing agent:

Powder, CO2, Sandy clay.

Section 6 - Accidental Release Measures

Emergency treatment: Leakage of contaminated areas to evacuate personnel to safety, as far as possible to cut off sources of pollution. Small amount of divulgence: clean off. Collecte in a dry, clean, covered container and transferred to safe place;

Massive divulgence: Recycle or transport to waste treatment place for handling.

Section 7 - Handling and Storage

Handling: Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear appropriate personal protective equipment. Keep away from the fire source, heat source, no smoking in the work place. Take care when lifting and handling in case of damaging the package. Equip with relevant types and quantities of extinguishment instruments and device for divulgence handling.

Storage: Keep in sealed container, place in a cool dry place. The storage place should be equipped with devices for divulgence handling and suitable shelter materials.

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Section 8 - Exposure Controls, Personal Protection

Occupational exposure limit:

MAC(mg/m3):N/A

TWA(mg/m3):N/A

STEL(mg/m3):N/A

Engineering control: The production process space is closed, need to strengthen the ventilation. Make sure that there is a wash and shower in the vicinity of the workplace. Set emergency evacuation routes.

Respiratory Protection: No protection in normal situation.

Eyes Protection: No protection in normal situation.

Body Protection: Wear work clothes.

Hands Protection: Wear protective gloves.

Other Protections: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Liquid

Colour: Transparent

PH: N/A

Melting point/range: N/A

Density: N/A

Oxidising properties: N/A

Solubility in water: N/A

Partition coefficient(n-octanol / water): N/A

Evaporation rate: N/A

Odour: Weak odour

Boiling point/range: N/A

Flashpoint: N/A

Viscosity: N/A

Vapour pressure: N/A

Vapour density: N/A

Ignition temperature: N/A

UEL: N/A

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizing agent, strong acid

Conditions to Avoid: None

Hazardous Polymerization: None

Decomposition products: In normal condition of storage and use, hazardous decomposition products should not be produced.

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Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or serious harm.

Sub-acute and Chronic Toxicity: No known significant effects or serious harm.

Irritation: No known significant effects or serious harm.

Sensitization: No known significant effects or serious harm.

Mutagenicity: No known significant effects or serious harm.

Carcinogenicity: No known significant effects or serious harm.

Section 12 - Ecological Information

Ecological toxicity: Hazardous to the aquatic environment, short-term (Acute) category 2;

Hazardous to the aquatic environment, long-term (Chronic) category 2.

Persistence and degradation: No information

Potential bioaccumulation: No information

Migration in soil: No information

Other harmful effects: None

Section 13 - Disposal Considerations

Disposal method: Dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Disposal considerations: Choose to have certified disposal contractor.

Section 14 - Transport Information

The substance is not subject to any other provisions of JT/T 617-2018 according to special provision 375.

The substance is not subject to any other provisions of IMO IMDG Code (42-24) according to special provision 375.

The substance is not subject to any other provisions of IATA DGR 67th (2026) according to special provision A197.

UN number: None

Risk classification: Non-dangerous goods.

Land Transport ADR/RID: Not regulated for transport of dangerous goods.

Maritime Transport IMO/IMDG (42-24): Not regulated for transport of dangerous goods.

Air Transport IATA/ICAO: Not regulated for transport of dangerous goods.

Packaging Information: Packing according to customer requirements.

Transport Fashion: By sea, By air, By rail, By highway

Transport Attentions: No collapse or no damage during the course of transportation. Corresponding varieties and number of fire equipment and contingency processing equipment should be equipped during the course of transportation. Strictly prohibit put the goods together with oxidizer, acid, etc. for transport. During transport, the goods should prevent exposure, rain and high temperature. Keep away from fire.

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Section 15 - Regulatory Information

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No. 1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

《Dangerous Goods Regulation》

《International Maritime Dangerous Goods》

Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

End of MSDS