



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Supplier: JIANGSU FENGSHAN GROUP CO., LTD.

Address: Caomiao Town, Dafeng City, Jiangsu Province, China.

Tel: +86-515-83374837

Fax: +86-515-83372403

Product Name: permethrin 95% TC

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Permethrin	52645-53-1	95.0
Other ingredients	(secret)	5.0

3 Hazards Identification

Eye Contact: May be mildly irritating to the eyes, excessive tearing may be a result.

Skin Contact: The most likely route of entry. May produce skin sensations such a numbing, burning or tingling. These are reversible within 12 hours.

Ingestion: Contact a physician if material is ingested

Inhalation: Contact a physician if material is inhaled and breathing is difficult.

4. First Aid Measures

Skin: remove contaminated clothing and shoes, flush with plenty of water and soap.

Eyes: flush with plenty of clear water for 15-20 minutes.

Inhalation: move affect person to fresh air and keep at rest until recovered. If not breathing, give artificial respiration and get to a doctor.

Ingestion: do not induce vomiting; drink plenty of water. Then see doctor immediately.

5. Fire-Fighting Measures

Extinguishing media

To be used: Water spray, foam, dry chemical powder and carbon oxide.

Don't use: Not applicable

Particular risk: None.

Measures of personal protection: safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

6. Accidental Release Measures

Personal cautions: The product is harmful if inhaled or swallowed. Will irritate the eyes, nose, throat and skin. Avoid inhaling spray mist. Keep people and animals away and upwind

Cleaning methods

EX: clear the liquid formation. Transfer to a properly labeled deposit that will be closed and sealed until the recovery of crimination of the product.

Environmental cautions

EX: prevent the contamination of the floor and of beds of water.

7. Handling And Storage

Handling: Keep out of reach of children. Avoid contact with the eyes, skin and clothing and avoid inhalation of product or spray mist. If in eyes, wash it immediately with water. After handling and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Do not contaminate food or use on household tanks.

Storage: Store in the closed, original container in a dry, cool, well-ventilated area, secure area at minimum storage temperatures. Store in locked room or place away from children, animals, food, animal feed, seed and fertilizers.

8. Exposure Controls / Personal Protection

PEL: not applicable

Personal protective equipment: full-length overalls

Respiratory protection: approved respirator.

Protective gloves: rubber gloves

Eye protection: safety goggles or face shield.

Industrial hygiene: ventilation

9. Physical And Chemical Properties

Form crystalline solid

Water Solubility: 0.2 mg/L

Melting Point: 34-35°C

Vapor pressure: 0.045 mPa

10. Stability And Reactivity

Conditions to avoid: avoid high temperature and flame;

Products to avoid: alkaline pesticides;

Hazardous decomposition products: hydrogen cyanide, hydrogen chloride.

Hazardous reaction: none;



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

11.Toxicological Information

Acute oral LD50: rat 250-4150mg/kg

Acute dermal LD50: rat >4920mg/kg

Contact with the skin: slight irritation to skin of rabbit;

Contact with the eyes: slight irritation to eyes of rabbit;

12.Ecological And Ecotoxicological Information

Effects on birds: acute oral LD50 in mallard ducks is greater than 4640 mg/kg.

Effects on aquatic organisms: The LC50 (96-hour) for permethrin in rainbow trout is 0.0125mg/L, and in bluegill sunfish is 0.0018 mg/L.

Effects on other organisms: Permethrin is extremely toxic to bees

13.Disposal Considerations

Product: do not reuse product containers. Dispose of product containers, waste containers, and residues according to local environmental regulations.

14.Transport Information

Not available

15.Regulatory Information

Not available

16.Other

Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces formulations containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.