



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product Identification

Supplier: JIANGSU FENGSHAN GROUP CO., LTD.

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

Tel: +86-515-83374837

Fax: +86-515-83372403

Product name: Pyrethrum 50% TC

Section 2 – Composition/Information on Ingredients

Composition	CAS No.	Content %
Pyrethrum	8003 – 34 – 7	50.0
Other ingredients	---	50.0

Section 3 -Hazards Identification

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Product causes skin and eye irritation. Product may cause lung damage if swallowed.

Section 4 -First Aid Measures

Inhalation: if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact: Remove contaminated clothes. Rinse and wash skin with soap and water.

Eye Contact: Rinse with plenty of water for several minutes. Seek medical advise.

Ingestion: IDO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek medical attention.

Notes to doctor

This product contains pyrethrins and a petroleum distillate. Atropine should NOT be used. Vomiting may cause aspiration pneumonia. Treatment for pyrethrins poisoning is symptomatic and recovery is normally spontaneous.

Section 5 – Fire Fighting Measures



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

Suitable Extinguishing Media: Water Fog, Foam, Carbon Dioxide (CO₂), Dry Chemical Powder Extinguishers. DO NOT use water jets – may spread fire.

Specific Hazards: Irritating fumes are produced in fire

Fire fighting advice: Use self-contained breathing apparatus

Section 6 – Accidental Release Measures

Ventilate area.

Prevent spillage from entering drains or water courses.

Collect leaking and spilled liquid in sealable containers (heavy duty plastic drums).

Absorb remaining liquid in sand or inert absorbent and transfer to sealable containers for disposal. Wash area thoroughly with water and detergent, preventing runoff from entering drains.

Wear chemical resistant goggles, gloves and boots, light protective clothing and self-contained breathing apparatus if contaminated area is not well-ventilated.

If material enters drains advise emergency services. This material may be suitable for landfill disposal. Dispose of only in compliance with appropriate regulations.

Section 7 – Handling and Storage

Handling: Open and handle containers with care, avoid contact with skin and eyes. Ensure the work area is well ventilated. Do not eat, drink or smoke or apply cosmetics in work area. Always wash after handling product. Avoid contamination of drains or bodies of water. Retained residues may make empty containers hazardous – use caution when handling unrinsed empty containers.

Storage: do not allow contact with open flames or oxidants. explosive vapour/air mixtures may be formed above 68°C. Store in tightly closed containers. Store in a cool, well ventilated, bunded area. Keep away from direct sunlight and protect against frost. Store away from oxidizing agents, food and animal feed.

Section 8 – Exposure Controls and Personal Protection

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

Wear solvent resistant gloves, boots and clothing, and tightly sealed impact and splash resistant goggles. All protective clothing should be clean and available each day.

If adequate ventilation is not possible, use a respirator with a filter suitable for organic gases and vapors. Where air-filtering respirators are unsuitable (e.g., airborne concentrations are high, risk of oxygen deficiency, confined space) use appropriate positive pressure breathing apparatus.

Section 9 – Physical and Chemical Properties:

Appearance:	Amber Coloured Liquid
Flashpoint:	>61°C (Closed Cup ASTM D3778-96)
Solubility in Water:	Insoluble
Density	0.90 – 0.95 g/ml

Section 10 – Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Conditions to avoid: Avoid extremes of temperature and direct sunlight.

Incompatible materials: Incompatible with oxidizing agents.

Hazardous decomposition products: Does not normally decompose.

Hazardous reactions: Hazardous polymerisation will not occur.

Section 11 – Toxicological Information

Acute LD50 rat (oral) 1030-2370mg/kg.

Acute LD50 rat (dermal) >2000mg/kg.

Acute LD50 rat (inhalation) 3.4mg/L(4h)

Section 12 – Ecological Information

Acute LDC50 (bobwhite quail) >2000 mg/kg

Acute LC50 (flowthrough, bluegill sunfish) 10 µg/L (96h)

Acute LC50 (flowthrough, Daphnia) 12 µg/L (48h)

Bioaccumulation (Bluegill sunfish) Bioconcentration factor (BCF): 471

Pyrethrins are relatively immobile in soil and have low persistence in the environment due to rapid breakdown in presence of UV light.



江苏丰山集团有限公司

JIANGSU FENGSHAN GROUP CO., LTD.

Pyrethrins are very toxic to aquatic organisms.

Section 13 – Disposal Considerations

Solid absorbent material collected from spillage incidents should be disposed of at approved landfill sites. Triple or preferably pressure rinse containers before disposal. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Do not wash product or spillages into waterways, drains or sewers

Section 14 – Transport Information

UN No: 3082

Class: 9 (Miscellaneous Dangerous Goods)

Packing Group: III

Proper Shipping Name: Environmentally Hazardous Substance, liquid, N.O.S. (pyrethrins)

Marine pollutant: yes

Section 15 – Regulatory Information

Not applicable

Section 16 – Other Information

The information contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Fengshan makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage arising from or connection with the supply or use of the information in this Material Safety Data Sheet.