



京 丰 山 化 学 有 限 公 司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

Section 1 – Identification of the Substance

Supplier: Nanjing Fengshan Chemical Co., Ltd

Address: 1904, Central International Mansion, 105-6 North Zhongshan Road, Nanjing, China.

Tel: +86-25-66605701

Fax: +86-25-86558673

Product Name : D-Phenothrin

Section 2 - Composition / Information on Ingredients

Composition	CAS NO	Content
D-Phenothrin	26002-80-2	92%

Section 3 - Hazards Identification

Symptoms of Exposure: May be harmful if inhaled, swallowed, or absorbed through the skin.

Potential Health Effects: No applicable information found.

Routes of Entry: Inhalation, ingestion or skin contact.

Carcinogenicity: The material is not listed (IARC, NTP, OSHA) as cancer causing agent.

Section 4 - First Aid Measures

Skin: Immediately flush thoroughly with large amounts of water.

Eyes: Immediately flush thoroughly with water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped. Contact a physician

Ingestion: If conscious, drink water and induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Remove contaminated clothing and wash before reuse.

Section 5 - Fire Fighting Measures

Extinguishing Media: Use water spray, dry chemical, CO₂, or "alcohol" foam.



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Protection of Firefighters: Wear self-contained breathing apparatus and protective clothing.

Section 6 - Accidental Release Measures

Wear suitable protective equipment listed under Expose /Personal Protection. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source, if this can be done without risk. Dispose as hazardous waste. Comply with Federal, State and local regulations.

Section 7 - Handling and Storage

Store in the closed, original container in a well-ventilated area, as cool as possible. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Do NOT store for prolonged periods in direct sunlight.

Section 8 - Exposure Controls / Personal Protection

Engineering measures: IN THE WORKPLACE: Use only in well ventilated areas. Keep containers closed when not in use.

Personal protection equipment: Avoid skin and eye contact and the inhalation of vapour. Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. Always wash hands before smoking, eating drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Section 9 - Physical and Chemical Properties

Appearance: Colorless liquid

Boiling Point: >290 °C/760 mmHg

Specific Gravity: 1.06 (20 °C)

Flash Point: 109 °C (Pensky-Martens closed test)

Solubility in water: In water <9.7 ug/l (25 °C)

Section 10 - Stability and Reactivity

Stability: Stable

Materials to Avoid: Acids, Bases, Oxidizers

Hazardous Decomposition: Oxides of carbon



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Hazardous Polymerization: Does not occur

Conditions to Avoid: None indicated

Section 11 - Toxicological Information

Oral Acute oral LD₅₀ for rats >5000 mg/kg.

Skin and eye Acute percutaneous LD₅₀ for rats >2000 mg/kg.

Inhalation LC₅₀ (4 h) for rats >2100 mg/m³.

Section 12 - Ecological Information

Birds Acute oral LD₅₀ for bobwhite quail >2500 mg/kg.

Fish LC₅₀ (96 h) for rainbow trout 2.7, bluegill sunfish 16 □g/l.

Daphnia EC₅₀ (48 h) 0.0043 mg/l.

Bees Toxic to bees.

Section 13 - Disposal Considerations

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. 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.

Section 14 - Transport Information

Shipping Class: 6.1

UN Number: UN2902

Section 15 - Regulatory Information

Not available

Section 16 - Other Information

The statements contained herein are offered for informational purposes only and are based on technical data that we believe to be accurate. It is intended for use only by persons having the necessary technical skill and at their own discretion and risk. Since



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conditions and manner of use are outside our control.

FengshanChem