



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Product name: Bifenthrin 97% Tech.

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

Address: 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

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2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Bifenthrin	82657-04-3	97.0
Other ingredients (secret)		3.0

3 Hazards Identification

Not classified as hazardous under CPL regulations

4. First Aid Measures

Ingestion : Vomit with large amount of water and call a physician.

Eye contact : Immediately rinse with running water for at least 15 minutes. Seek medical advice.

Skin contact : Remove all contaminated clothing, shoes and socks from the affected area. Immediately rinse with running water. Wash skin thoroughly with soap and water. If irritation persists, seek medical advice.

Inhalation : If respiratory discomfort occurs, move the person to fresh air. If not breathing, give mouth-to-mouth resuscitation (or artificial respiration). Keep warm with blanket and keep at rest. Seek medical advice.

Notes to physician : Treatment is symptomatic.

5. Fire-Fighting Measures

Extinguishing Media : Water, foam, dry chemical or carbon dioxide

Fire fighting instruction : Fire fighters shall wear full faced self contained breathing apparatus. Move away this product from fire if there is no risk. Use water spray or fog nozzle to keep container or surrounding area cool.

Special hazards : Normal combustion forms carbon dioxide, water vapour and may produce toxic gas such as carbon monoxide, sulfur oxides or nitrogen oxides.

6. Accidental Release Measures



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Leak and/or Spill :

Wear protective clothing such as gloves, dust mask, safety shoes and uniform. Evacuate non essential personnel. Prevent spillage from entering the drainage systems or watercourses. Prevent further waste by closing the container properly, shifting its position to stop leakage or placing into another container. Sweep up the spill into closed waste container for disposal, do not raise dust. Wash the contaminated area with a little water and detergent and drain to waste water treatment plant. Always work upwind

7. Handling And Storage

Handling : Wear dust respirator, rubber gloves, goggles while handling. Local exhaust or mechanical ventilation are desirable. Eye bath and safety shower are desirable. Wash thoroughly after handling.

Storage : Keep tightly closed in original labelled container. Store indoor at room temperature, avoid wet, high humidity, heat or open flame. Keep away from possible contact with water, away from the reach of children and away from food, drinks and animal feeding stuffs.

Other Precautions : Do not reuse the container for other purpose. Avoid excessive dust formation

8. Exposure Controls / Personal Protection

Exposure Limit : Not established

Engineering measures : Not established

Personal protection : Suitable protective clothing and gloves. Dust respirator, rubber gloves and safety goggles are recommended.

9. Physical And Chemical Properties

Appearance: Solid

Odor: Very Faint Slightly Sweet

Density / weight per volume: 1.210 (25 °c)

Flash point: 165 °C (329 °f) (pm-cc)

Melting point: 68-70.6 °C

Molecular weight: 422.9

Ph: 5.4 - 6.0 @ 25 °C

Solubility in water: less than 0.1 ppb

10.Stability And Reactivity

Stability : Stable under normal storage condition

Conditions to avoid : Extreme pH, temperature and UV light



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Incompatibles : Strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

Decomposition Products : CO, SO_x, NO_x on combustion

Hazardous polymerization : Will not occur

11.Toxicological Information

Oral Acute oral LD50 for rats 54.5 mg/kg.

Skin and eye Acute percutaneous LD50 for rabbits >2000 mg/kg. Non-irritant to skin; virtually non-irritating to eyes (rabbits). No skin sensitisation (guinea pigs).

12.Ecological And Ecotoxicological Information

Birds Acute oral LD50 for bobwhite quail 1800, mallard ducks 2150 mg/kg. Dietary LC50 (8 d) for bobwhite quail 4450, mallard ducks 1280 mg/kg diet.

Fish LC50 (96 h) for bluegill sunfish 0.00035, rainbow trout 0.00015 mg/l.

13.Disposal Considerations

Dispose of waste in accordance with government or local regulations.

14.Transport Information

N/A

15.Regulatory Information

Follow local regulations.

16 Other information

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