



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

Product name: Difenoconazole 95% TECH

Manufactory: Nanjing Fengshan Chemical Co., Ltd.

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

Tel: +86-25-66605701

Fax: +86-25-86558673

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Difenoconazole	119446-68-3	95%
Other ingredients	(secret)	5%

3. Hazards Identification

Harmful by skin or eye

4) First Aid Measures:

Skin contact: Wash skin with mild soap and water. Seek medical attention if ill effect or irritation develops.

Eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain medical attention if pain, blinking or redness persist.

Ingestion: Repeatedly administer medicinal charcoal in a large quantity of water. Note: Never give anything by mouth to an unconscious person. Do not induce vomiting.

Inhalation: Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.

5. Fire-Fighting Measures

Specific hazards: Thermal decomposition generates: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Halogens.

Extinguishing media and methods: All extinguishing media can be used.

Recommended protective clothing: Do not enter fire area without proper protective



equipment, including respiratory protection.

Special procedures: Exercise caution when fighting any chemical fire.

6. Accidental Release Measures

Personal precautions: Equip cleanup crew with proper protection.

Environmental precautions: Notify authorities if product enters sewers or public waters.

After spillage and/or leakage: Sweep or shovel spills into appropriate container for disposal.

7. Handling and Storage

Storage: Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry, locked place out of reach of children.

8. Exposure Controls / Personal Protection

Respiratory protection: Suitable respiratory equipment.

Eye protection: Goggles.

Hand protection: Gloves.

Skin Protection: Skin protection appropriate to the conditions of use should be provided.

Ingestion: When using, do not eat, drink or smoke.

9. Physical And Chemical Properties

APPEARANCE: off-white to yellow crystals

SPECIFIC GRAVITY: 1.40 g/mL (20°C)

Solubility In water: 15 mg/l (pH 7, 25 °C)

M.p.: 78.6 °C

10. Stability and Reactivity

Hazardous decomposition products When heated to decomposition, emits dangerous fumes. Carbon monoxide. Carbon dioxide. Halogens. Nitrogen oxides.

Hazardous reactions: Oxidizing agent. Acids. Alkalis, finely divided metals.

Hazardous properties: None under normal conditions.

Conditions to avoid: Direct sunlight.



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

11. Toxicological Information

Oral Acute oral: LD50 for rats and mice >2000 mg/kg.

Acute percutaneous: LD50 for rats >2000 mg/kg.

Inhalation: LC50 for rats >3000 mg/m³ air

Not a skin irritant (rabbits);

Not eye irritant (rabbits).

Not a skin sensitiser (guinea-pigs).

12. Ecological and Ecotoxicological Information

Birds LD50 (9-11 d) for mallard ducks >2150 mg/kg. LC50 for bobwhite quail >4760, mallard ducks >5000 ppm.

Fish LC50 (96 h) for rainbow trout 0.8, bluegill sunfish 1.2, sheepshead minnow 0.82 mg/l.

13. Disposal Considerations

Not application

14. Transport Information

Not application

15. Regulatory Information

Not application

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.