



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: Diafenthiuron 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 %
Diafenthiuron	80060-09-9	97%
Other ingredients	(secret)	3%

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: If swallowed, contact medical care immediately.

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

5. Fire-Fighting Measures

This product is non-flammable. Extinguish warehouse and factory fires using fine-water spray or foam. When fighting a major fire wear a respirator. Do not allow fire-water to enter drains.

6. Accidental Release Measures

In case of spillage it is important to take all steps necessary to: Avoid eye and skin contact.



Avoid contamination of waterways.

7. Handling and Storage

Store in tightly sealed original containers in a dry secure place away from fertilisers, seed, feed and food. Store out of direct sunlight. Keep out of reach of children, unauthorised persons and animals.

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: white powder

SPECIFIC GRAVITY: 1.09 (20°C)

Solubility In water: 0.06 mg/l (pH 7, 25 °C)

M.p.: 146 °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.

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 0.558 mg/l air

Not skin irritant (rabbits);

Not eye irritant (rabbits).



Not a skin sensitiser (guinea-pigs).

12. Ecological and Ecotoxicological Information

Acute oral LD50 for bobwhite quail and mallard ducks >1500 mg/kg.

LC50 (96 h) for carp 0.0038, rainbow trout 0.0007, bluegill sunfish 0.0013 mg/l. Daphnia

LC50 (48 h) <0.5 mg/l.

Algae Non toxic.

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.