



# 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:** Teflubenzuron 98% tech

**Manufactory:** Nanjing Fengshan Chemical Co Ltd

**Address:** Suit 1904, Zhonghuaguoji Building, 105-6 Zhongshan Road, Nanjing City, Jiangsu Province, China

**Tel:** +86-25-66605703

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#### 2. Composition / Information On Ingredients

Composition	CAS No.	Content
Teflubenzuron	83121-18-0	98%
Other ingredients	—	2%

#### 3. Hazards Identification

Prevent the contamination of the floor and of beds of water.

#### 4. First Aid Measures

Remove all contaminated clothing.

**Eyes:** flush immediately with plenty of water for 15 minutes. Seek medical attention if irritation persists.

**Skin:** wash exposed skin and hair immediately with water, then with soap and water. If the patient feels unwell, seek medical advice.

**Inhalation:** remove to fresh air and keep warm; seek medical attention.

**If swallowed:** do not induce vomiting; rinse mouth with water; seek medical attention and show the container label or this datasheet.

#### 5. Fire-Fighting Measures

##### Extinguishing media

To be used: dry chemical, foam, carbon dioxide.

Measures of personal protection: safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

##### Environmental cautions

EX: prevent the contamination of the floor and of beds of water.

#### 6. Accidental Release Measures

##### Safeguards (Personnel)

Note: Review Fire-Fighting Measures and Handling (Personnel) sections before proceeding with



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clean-up. Use appropriate Personal Protective Equipment during clean-up. Initial Containment Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up: Soak up with sawdust, sand, oil dry or other absorbent material. Shovel or sweep up.

**Accidental Release Measures:** If spill area is on ground near trees or other valuable plants remove top 2 inches of soil after initial clean up.

### 7. Handling and Storage

Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Keep in original container, tightly closed, in a safe place. Store in a cool, dry place out of direct sunlight. Protect from frost.

### 8. Exposure Controls / Personal Protection

Wear suitable protective clothing and gloves. Avoid contact with skin. When using do not eat, drink or smoke. Wash all protective clothing thoroughly after use, especially the insides of gloves. Wash hands and exposed skin before meals and after work.

### 9. Physical And Chemical Properties

**Form:** White powder

**Melting Point:** 222.5°C

**Water solubility:** 0.019 mg/l(20 °C)

**Other solubility** In acetone 10, ethanol 1.4, dimethyl sulfoxide 66, dichloromethane 1.8, cyclohexanone 20, hexane 0.05, toluene 0.85 (all in g/l, 20 °C).

**pH:** 6.0-9.0

### 10. Stability and Reactivity

Stable in packaging and in air at ordinary temperatures. Keep in original packaging.

### 11. Toxicological Information

**Acute oral** LD50 for rat: >5000 mg /kg.

**Acute dermal** LD50 for rat: >2000 mg/kg.

**Acute inhalation** LC50 (4 hour) for rat: >5058 mg dust/m<sup>3</sup>.

**Skin irritation:** no Irritant.

### 12. Ecological and Ecotoxicological Information

**Fish:** LC50 (96 h) for trout and carp >500 mg/l.

**Bird:** Acute oral LD50 for quail >2250 mg/kg

**Bees:** Non-toxic to bees when used at recommended rates; LD50 (topical) >1000ug/bee

### 13. Disposal Considerations



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Dispose of in compliance with all state and local laws and regulation.

### 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.