



# 江苏丰山集团有限公司

## JIANGSU FENGSAN GROUP CO., LTD.

### MATERIAL SAFETY DATA SHEET

#### 1 Manufacturer/information service:

**Supplier:** JIANGSU FENGSAN GROUP CO., LTD.

**Address:** Caomiao Town, Dafeng City, Jiangsu Province, China.

**Tel:** +86-515-83374837

**Fax:** +86-515-83372403

**Product name:** Tebuconazole 95%TC

#### 2. Composition / Information On Ingredients

Composition	CAS	Content
Tebuconazole	107534-96-3	95.0
Other ingredients	---	5.0

#### 3 Hazards Identification

Routes of Entry: Inhalation, skin, eyes, ingestion

Chemical Interactions: No known interactions

Medical Conditions Aggravated: Pre-existing liver diseases, Pre-existing kidney disease

#### 4. First Aid Measures

If Inhaled: Remove individual to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

If on Skin: Immediately flush skin with plenty of water for 15 minutes. If clothing comes in contact with the product, the clothing should be removed immediately and laundered before re-use. Call a physician.

If In Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids apart. Call a physician immediately.

If Swallowed: Call a physician immediately. Do not induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

#### 5. Fire-Fighting Measures

Fire/Explosion Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.



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Extinguishing Media: Not Applicable. - Choose extinguishing media suitable for surrounding materials.

Fire Fighting Instructions: Response to this material requires the use of a full encapsulated suit and self-contained breathing apparatus. Use water to cool containers.

### **6. Accidental Release Measures**

Personal Protection for Emergency Situations: Response to this material requires the use of personal protective equipment to prevent contact with this material. Those items include but are not limited to boots, impervious gloves, hard hat, chemical splash-proof goggles, impervious clothing, and appropriate approved respiratory protection.

### **7. Handling And Storage**

Handling: Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash off with water. Avoid breathing (dust, vapor, mist, gas). Keep container closed when not in use. Use only with adequate ventilation. Storage: Store in a cool dry ventilated location, away from oxidizers, heat, flame, or other incompatible conditions. Keep container(s) closed. Keep from freezing. Product becomes very viscous.

### **8. Exposure Controls / Personal Protection**

Respiratory protection: Approved respirator

Protective gloves: Rubber gloves

Eye protection: Safety goggles or face shield.

Industrial hygiene: Adequate ventilation.

### **9. Physical And Chemical Properties**

Form Colourless crystals; (tech., colourless to light brown powder).

M.p. 105 °C

S.g./density 1.25 (26 °C)

Solubility In water 36 mg/l (pH 5-9, 20 °C).

### **10. Stability And Reactivity**

Stability and Reactivity Summary: Stable under normal conditions. Not sensitive to mechanical shock. Not sensitive to static discharge.

Reactive Properties: Corrosive

Hazardous Polymerization: Will not occur

Conditions to Avoid: High temperatures

Chemical Incompatibility: strong oxidizing agents, strong acids, hydrazine, cellulose nitrates, sodium hypobromite, nitromethane, aluminum, zinc, acetylene



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### 11. Toxicological Information

Oral Acute oral LD<sub>50</sub> for male rats 4000, female rats 1700, mice c. 3000 mg/kg.

Skin and eye Acute percutaneous LD<sub>50</sub> for rats >5000 mg/kg.

Non-irritating to skin; mild irritant to eyes (rabbits).

Inhalation LC<sub>50</sub> (4 h) for rats 0.37 mg/l air (aerosol), >5.1 mg/l (dust).

### 12. Ecological And Ecotoxicological Information

Birds Acute oral LD<sub>50</sub> for male Japanese quail 4438, female Japanese quail 2912, bobwhite quail 1988 mg/kg b.w. Dietary LC<sub>50</sub> (5 d) for mallard ducks >4816, bobwhite quail >5000 mg/kg feed.

Fish LC<sub>50</sub> (96 h) for rainbow trout 4.4, bluegill sunfish 5.7 mg/l (flow through).

Daphnia LC<sub>50</sub> (48 h) 4.2 mg/l (flow through).

Algae E<sub>r</sub>C<sub>50</sub> (96 h) for *Scenedesmus subspicatus* 4.01 mg/l (static).

Bees LD<sub>50</sub> (48 h) (oral) 175.8 □g/bee; (contact) 0.6 □g/bee.

Worms Acute LC<sub>50</sub> (14 d) for *Eisenia foetida* 1381 mg/kg dry soil.

### 13. Disposal Considerations

Waste Disposal Summary: Disposal must be in accordance with applicable local regulations. Remove nonusable solid materials and/or contaminated soil for disposal in an approved and permitted landfill. Do not flush into surface water or sanitary sewer systems.

### 14. Transport Information

Not applicable

### 15. Regulatory Information

Not applicable

### 16 Other information

The information contained in this Material Safety Data Sheet is provided in good faith and is believed to be correct at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Fengshan group Ltd makes no representation as to the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability whatsoever, whether with respect to negligence or otherwise, for any loss or damage arising from or connection with the supply or use of the information in this Material Safety Data Sheet.

**Nanjing Fengshan Chemical Co., Ltd.**



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FengshanChem