

## Material Safety Data Sheet

### Tebuconazole 250g/L EC

#### Section 1 Identification of Chemical Product and Company

Product name: Tebuconazole 250g/L EC

Product use: Fungicide

Company: Jiangsu Sevencontinent Green Chemical Co., Ltd.

Address: North Area of Dongsha Chem-Zone, Zhangjiagang, Jiangsu 215600, China

Tel: +86-512-58678398

Fax: +86-512-5866995

#### Section 2 HAZARDS IDENTIFICATION

##### 2.1 Classification

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Acute toxicity, Oral (Category 4)

Reproductive toxicity (Category 2)

Chronic aquatic toxicity (Category 2)

##### 2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Pictogram:



Signal word: Warning

Hazard statements

H302 Harmful if swallowed

H361d Suspected of damaging the unborn child.

H410 Toxic to aquatic life with long lasting effects

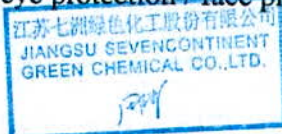
Precautionary statements

P273 Avoid release to the environment.




P280 Wear protective gloves / protective clothing / eye protection / face protection.

Supplemental Hazard Statements

None



### Section 3 COMPOSITION

Chemical name	CAS No.	Pictogram Hazard statements	Content (g/L)
Tebuconazole	107534-96-3	   H361d, H302, H400, H410	Min. 250

### Section 4 FIRST AID MEASURES

**Eye Contact:**

Flush with running water for at least 15 minutes while holding eyelids open to help flush out material. Get medical attention.

**Skin Contact:**

Remove contaminated clothing and shoes immediately. Wash thoroughly with soap and water. Get medical attention.

**Inhalation:**

Wearing proper respiratory protection before rescues. Immediately remove the affected victim from exposure to an area of fresh air. If not breathing, give artificial respiration; if breathe difficult, give oxygen. Get medical attention.

**Ingestion:**

Immediately give 2 glasses of water and induce vomiting by touching back of throat with finger. Never give anything by mouth to an unconscious person. Get medical attention.

**Note to Physician:**

Treat symptomatically. No specific antidote available.

### Section 5 FIRE FIGHTING MEASURE

**Fire and Explosive Hazard:**

Flash point 99°C, when heated above the flash point, this product release vapors which, when mix with air, can be burn or be explosive.

**Firefighting Media:**

Water fog or foam, CO<sub>2</sub> or sand to extinguish fire

**Firefighting Precaution:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Keep unnecessary people away. Dike area of fire to prevent material run-off. Decontaminate emergency personnel with soap and water before leaving the fire area. Avoid breathing dusts, vapors and fumes from





burning materials. Control run-off water.

### **Section 6 ACCIDENTAL RELEASE MEASURES**

In case materials are released, contact emergency response personnel. Keep unnecessary persons away. Prevent spill from spreading or entering waterways or drains. Take up with absorbent material such as sawdust, peat or binding agent for chemicals. Fill material along with any contaminated soil etc. into sealable containers. Clean affected area with an aqueous detergent and a small amount of water. Absorb this with hydrated lime and place in a sealable drum. On completion of clean-up remove and wash all protective clothing and equipment with detergent and water. Any heavily contaminated clothing should be placed in a plastic garbage bag and placed in a sealable drum. Do not smoke, eat or drink during the clean-up operation. Use suitable protective equipment (Section 8). Follow all fire prevention procedures (Section 5).

### **Section 7 HANDLING AND STORAGE**

#### **Handling Precautions:**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Clean applicator and measuring equipment before using with other products and dispose of wash water where it will not contaminate crops, grazing, rivers and dams. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash thoroughly after handling.

#### **Storage Precautions:**

Keep out of reach of children. Store in the tightly closed original container in a dry, well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Do not store near any material intended for use or consumption by humans or animals.

### **Section 8 EXPOSURE CONTROL AND PERSONAL PROTECTION**

#### **8.1 Control parameters**

##### **Components with workplace control parameters**

#### **8.2 Exposure controls**

##### **Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

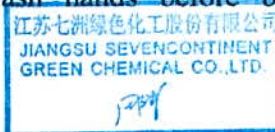
##### **Personal protective equipment**

##### **Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal





江苏七洲绿色化工股份有限公司

Jiangsu Sevencontinent Green Chemical Co., Ltd.  
North Area of Dongsha Chem-Zone, Zhangjiagang, Jiangsu, 215600, China



technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### **Section 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** Light yellow to colorless transparent liquid

**pH:** 6.0-9.0

### **Section 10 STABILITY AND REACTIVITY**

**Stability:** Stable under normal handling and storage conditions.

**Incompatibilities:** Avoid mixing with strong acid/alkaline, strong oxidizing agent and reducing agent.

**Hazard Decomposition:** In the event of fire, the formation of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides must be anticipated.

**Hazard Polymerization:** Will not occur.

### **Section 11 - TOXICOLOGICAL INFORMATION (TECHNICAL GRADE INFORMATION)**

**Acute Oral Toxicity:** LD<sub>50</sub> 300-2000 mg/kg for rats

**Acute Dermal Toxicity:** LD<sub>50</sub> for rats >2000 mg/kg

**Acute Inhalation Toxicity:** LC<sub>50</sub> > 5.20 mg/L.

**Skin Irritation:** Not irritating to skin of rabbits .

**Eye Irritation:** Mild irritating to eyes of rabbits .

**Skin sensitization:** Not a skin sensitizer of Gunie pigs



### **Section 12 - ECOLOGICAL INFORMATION (TECHNICAL GRADE 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** ErC<sub>50</sub> (72 h, static) for Selenastrum capricornutum 3.80 mg/l.

**Other aquatic spp.** No effect on Chironomus riparius at 0.1 mg/l (28 d).

**Bees** LD<sub>50</sub> (48 h, oral) 83 µg/bee; (contact) >200µg/bee.

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

### Section 13 DISPOSAL CONSIDERATIONS

Disposal of product would be treated, stored, transported, and disposed of according to the local waste regulation authority. Do not flush to surface water or sanitary sewer system.

### Section 14 TRANSPORT INFORMATION

**Transport Information:** It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

**U.N. Number:** 3082

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (Tebuconazole, 250g/L EC)

**IMDG Class:** 9

**Packing Group:** III

### Section 15 REGULATORY INFORMATION

H302 Harmful if swallowed

H361d Suspected of damaging the unborn child.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

### Section 16 OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Revised: August 25, 2020

