

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance/preparation and of the company/undertaking product information

**Product name:** Azoxystrobin 250g/L SC

**Use:** Fungicide

**Applicant:** Anhui Guangxin Agrochemical Co., Ltd.

**Address:** Pengcun Village, Xinhang Town, Guangde County, Xuancheng City, 242235, Anhui, China

### 2. Composition/information on ingredients

#### Hazardous components

Chemical Name	CAS-No.	Concentration
Azoxystrobin	131860-33-8	250g/L
Inert	N/A	750g/L

For the full text of the R phrases mentioned in this Section, see Section 16.

### 3. Hazards identification

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. First aid measures

**General advice :** Have the product container, label or Material Safety Data Sheet with you when calling the emergency number,

**Inhalation :** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest.

**Skin contact :** Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

**Eye contact :** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required.

**Ingestion :** If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.



**Medical advice :** There is no specific antidote available. Treat symptomatically.

## 5. Fire-fighting measures

### **Suitable extinguishing media:**

Extinguishing media - small fires

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media - large fires

alcohol-resistant foam water spray

### **Extinguishing media which must not be used for safety reasons:**

Do not use a solid water stream as it may scatter and spread fire.

### **Specific hazards during firefighting:**

As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.

### **Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus.

**Further information:** Do not allow run-off from firefighting to enter drains or water courses. Cool closed containers exposed to fire with water spray.

## 6. Accidental release measures

**Personal precautions:** Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Additional advice:** If the product contaminates rivers and lakes or drains inform respective authorities.

## 7. Handling and storage

### **Handling**

**Advice on safe handling :** No special technical protective measures required

No special handling advice required.





Avoid contact with skin and eyes.

When using, do not eat, drink or smoke.

For personal protection see section 8.

### **Storage**

#### **Requirements for storage areas and containers:**

No special storage conditions required.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Keep away from food, drink and animal feedingstuffs.

## **8. Exposure controls / personal protection**

### **Engineering measures**

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. If airborne mists or vapors are generated, use local exhaust ventilation controls. Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit. Where necessary, seek additional occupational hygiene advice.

### **Personal protective equipment**

**Protective measures** : The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

**Respiratory protection** : No personal respiratory protective equipment normally required. A particulate filter respirator may be necessary until effective technical measures are installed.

**Hand protection** : Chemical resistant gloves are not usually required. Select gloves based on the physical job requirements.

**Eye protection** : Eye protection is not usually required. Follow any site specific eye protection policies.

**Skin and body protection** : No special protective equipment required. Select skin and body protection based on the physical job requirements.

## **9. Physical and chemical properties**



**Form:** Suspension liquid

**Colour:** White to off-white

**pH:** 5.0-8.0

**Density:** 1.07 g/cm<sup>3</sup> at 20 °C

**Water solubility:** Miscible

**Suspensibility:** 98%<sub>min</sub>

## 10. Stability and reactivity

### Hazardous decomposition products:

Combustion or thermal decomposition will evolve toxic and irritant vapors.

### Hazardous reactions :

Hazardous polymerization does not occur.

Stable under normal conditions.

## 11. Toxicological information

**Acute oral toxicity :** LD50 Rat, > 5,000 mg/kg

**Acute inhalation toxicity :** LC50 Rat, > 6.32 mg/l, 4 h

**Acute dermal toxicity :** LD50 , > 2,000 mg/kg

**Skin irritation :** Rabbit: non irritant

**Eye irritation :** Rabbit: non irritant

**Sensitization :** guinea pig

### Long term toxicity

Did not show carcinogenic, teratogenic or mutagenic effects in animal experiments.

## 12. Ecological information

### Elimination information (persistence and degradability)

**Bioaccumulation :** Azoxystrobin has medium potential for bioaccumulation.

**Stability in water :** Azoxystrobin is stable in water

**Stability in soil :** Azoxystrobin is not persistent in soil.

**Mobility :** Azoxystrobin has low to very high mobility in soil.

### Ecotoxicity effects

**Toxicity to fish :** LC50 *Oncorhynchus mykiss* (rainbow trout), 2.4 mg/l , 96 h,  
LC50 Bluegill sunfish, 1.1 mg/l

### Toxicity to aquatic invertebrates:



EC50 *Daphnia magna* (Water flea), 0.47 mg/l, 48 h

**Toxicity to algae** : ERC50 *Pseudokirchneriella subcapitata* (green algae), 0.26mg/l,  
EBC50 *Pseudokirchneriella subcapitata* (green algae), 0.23mg/l

### 13. Disposal considerations

**Product** : Do not contaminate ponds, waterways or ditches with chemical or used container.

Do not dispose of waste into sewer.

Where possible recycling is preferred to disposal or incineration.

If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated packaging** : Empty remaining contents.

Triple rinse containers.

Empty containers should be taken for local recycling or waste disposal.

Do not re-use empty containers.

### 14. Transport information

#### SAFETY DATA SHEET

#### Land transport

*ADR/RID*:

UN-No: 3082

Class: 9

Danger Label Number : 9

Packaging group III

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.

( AZOXYSTROBIN )

#### Sea transport

*IMDG*:

UN-No: 3082

Class: 9

Danger Label Number : 9

Packaging group: III

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.





( AZOXYSTROBIN 25% )

Marine pollutant : Marine pollutant

**Air transport**

*IATA-DGR*

Regulation: Not dangerous goods

### 15. Regulatory information

NA

### 16. Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Anhui Guangxin Agrochemical Co., Ltd.**

