

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE AND THE SUPPLIER

**Product name:** Azoxystrobin 200G/L + Difenoconazole 125G/L SC  
**Other name:** /  
**Recommended use of the chemical and restrictions on use** Fungicide  
**Supplier name:** Shandong Weifang Rainbow Chemical Co., Ltd.  
**Supplier address:** Binhai Economic Development Area, Weifang, Shandong 262737, China  
**Supplier phone:** +86-531-88875222, 88875231  
**Supplier fax:** +86-531-88875232, 88875224  
**Emergency phone number:** +86-531-88875222

### 2. HAZARDS IDENTIFICATION

**Hazard statement(s):**

H302: Harmful if swallowed  
H313: May be harmful in contact with skin  
H332: Harmful if inhaled  
H316: Causes mild skin irritation  
H319: Causes serious eye irritation  
H317: May cause an allergic skin reaction  
H400: Very toxic to aquatic life  
H410: Very toxic to aquatic life with long lasting effects.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Azoxystrobin	131860-33-8	200g/L
Difenoconazole	119446-68-3	125 g/L
Other ingredients		Up to 1L

### 4. FIRST AID MEASURES

**Description of necessary first aid measures:**

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

**Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or Poison Information Centre immediately.

**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.

**Advice to doctors:** There is no specific antidote. All treatment should be based on the patient's painful signs and symptoms.

**Antidote:** No specific antidote.

**Most important symptoms/effects, acute and delayed:**

To date no symptoms are known.

**Indication of immediate medical attention and special treatment needed:**

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There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.

### **5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:**

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

**Special hazards arising from the chemical:**

This product contains combustible organic components that may burn and decompose during a fire producing dense black smoke containing hazardous products of combustion. Combustion products are toxic and irritant. Exposure to decomposition products may be a hazard to health.

**Special protective actions for fire-fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures:**

In case of spillage it is important to take all steps necessary to avoid eye and skin contact and avoid contamination of waterways.

**Environmental precautions:**

Do not discharge into drains or the environment.

**Methods and materials for containment and cleaning up:**

Procedure for spill

- (1) Keep all bystanders away
- (2) Wear full length clothing and PVC gloves
- (3) Reposition any leaking containers so as to minimise further leakage
- (4) Dam and absorb spill with an absorbent material (eg sand or soil)
- (5) Shovel the absorbed spill into drums
- (6) Disposal of the absorbed material will depend upon the extent of the spill

For quantities up to 50 L of product bury in a secure landfill site

For quantities greater than 50 L seek advice from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established

### **7. HANDLING AND STORAGE**

**Precautions for safe handling:**

Harmful if inhaled. May irritate the eyes, nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with the eyes. DO NOT inhale spray mist. Wash hands after use. After each days use wash gloves, respirator (and if rubber was with detergent and warm water) and contaminated clothing.

**Conditions for safe storage, including any incompatibilities:**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Appropriate engineering controls:**

Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

**Personal protective equipment:**

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Harmful if inhaled. May irritate the eyes, nose and throat. Repeated exposure may cause allergic disorders. Avoid contact with the eyes. DO NOT inhale spray mist. When opening the container and mixing and loading the product wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow-length chemical resistant gloves

When using the prepared spray by air blast or ground boom wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)
- elbow-length chemical resistant gloves
- half facepiece respirator

Wash hands after use. After each days use wash gloves, respirator (and if rubber was with detergent and warm water) and contaminated clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color etc.):</b>	Off-White to light yellow liquid
<b>Odor:</b>	No particular odour
<b>pH:</b>	6.6
<b>Flammability (solid, gas):</b>	Not Flammability
<b>Solubility(ies):</b>	Dispersible in water

### 10. STABILITY AND REACTIVITY

**Reactivity:**

Hazardous polymerization does not occur.

**Chemical stability:**

Stable at normal ambient temperature and pressure.

**Possibility of hazardous reactions:**

Will not occur.

**Conditions to avoid:**

No data available.

**Incompatible materials:**

No data available.

**Hazardous decomposition products:**

Combustion or thermal decomposition will evolve toxic and irritant vapours.

### 11. TOXICOLOGICAL INFORMATION

**Numerical measures of toxicity:**

Acute oral LD50:	1526.1 mg/kg
Acute dermal LD50:	3596.7 mg/kg
Acute inhalation LC50:	2.78 mg/l
Eye Contact:	serious eye irritation
Skin Contact:	mild skin irritation
Skin Sensitization:	May cause an allergic skin reaction

**Chronic health effects:**

Azoxystrobin and difenoconazole technical have been extensively tested on laboratory mammals and in test-tube systems. No evidence was obtained of mutagenic, carcinogenic, teratogenic neurotoxic or reproductive effects.

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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity:

Rainbow trout - Acute 96 hour LC50	1.76 mg/L
Carp - Acute 96 hour LC50	4.2 mg/L
Pseudokirchneriella subcapitata – Acute 72 hour ErC50	0.59 mg/L
Water flea - Acute 48 hour EC50	1.1 mg/L
Bee - Oral LD50	> 500 µg
Bee - Contact LD50	> 1800 µg

#### Persistence and degradability:

Azoxystrobin is stable in water and is not persistent in soil. Difenconazole is persistent in water and is not persistent in soil.

#### Bio-accumulative potential:

Azoxystrobin has medium potential for bioaccumulation. Difenconazole has high potential to bioaccumulate.

#### Mobility in the soil:

Azoxystrobin has low to very high mobility in soil. Difenconazole has low mobility in soil.

#### Other adverse effects:

Avoid release to the environment.

### 13. DISPOSAL CONSIDERATIONS

#### Safe handling of waste residues and disposal methods:

Pesticide Disposal:

Wastes resulting from using this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your state pesticide agency or environmental control agency.

Container Disposal:

Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration or by other procedures approved by state and local authorities.

### 14. TRANSPORT INFORMATION

#### UN number:

3082

#### UN proper shipping name:

Environmentally hazardous liquid substance, n.o.s.

#### Transport hazard class(es):

9

#### Packing group, if applicable:

III

#### Marine pollutant (Yes/No):

No

### 15. REGULATORY INFORMATION

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

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### **16. OTHER INFORMATION**

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