

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

Website: www.scimplify.com



SAFETY DATA SHEET
AZOXYSTROBIN 18.2% + DIFENOCONAZOLE 11.4% SC

1. Product Identification

- **Product Name:** Azoxystrobin 18.2% + Difenconazole 11.4% SC
- **Use:** Agricultural/Horticultural Fungicide
- **Supplier/ Manufacturer:** Cocreate Global Technologies Private Limited
- **Address:** FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

2. Hazard Identification

- **GHS Classification:**
 - **Signal Word:** *WARNING*
 - **Hazard Symbols:**
 -  (Exclamation Mark - GHS07)
 -  (Environmental Hazard - GHS09)
- **Hazard Statements (H-Phrases):**
 - **H303:** May be harmful if swallowed.
 - **H315:** Causes skin irritation.
 - **H319:** Causes serious eye irritation.
 - **H332:** Harmful if inhaled.
 - **H410:** Very toxic to aquatic life with long-lasting effects.
- **Precautionary Statements (S-Phrases):**
 - **S24:** Avoid contact with skin.
 - **S36/37:** Wear suitable protective clothing and gloves.
 - **S46:** If swallowed, seek medical advice immediately and show the container or label.

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- **S60:** Dispose of material and container as hazardous waste.
- **S61:** Avoid release to the environment.

3. Composition / Information on Ingredients

Chemical Name	CAS No.	Concentration (% w/w)
Azoxystrobin	131860-33-8	18.2%
Difenoconazole	119446-68-3	11.4%
Other Ingredients -		QS to 100%

4. First Aid Measures

- **General Advice:** Keep the SDS or product label handy when seeking medical assistance.
- **After Inhalation:** Move to fresh air, administer artificial respiration if needed, and seek medical help.
- **After Skin Contact:** Remove contaminated clothing, wash skin with soap and water. If irritation persists, consult a physician.
- **After Eye Contact:** Rinse eyes thoroughly with water for at least 15 minutes. Seek medical attention if irritation persists.
- **After Ingestion:** Do NOT induce vomiting. Seek immediate medical assistance.

5. Firefighting Measures

- **Suitable Extinguishing Media:**
 - Small fires: Water spray, alcohol-resistant foam, dry chemical, CO₂.
 - Large fires: Alcohol-resistant foam, water spray.
- **Hazards:** Toxic fumes may be produced in case of combustion.
- **Protective Equipment for Firefighters:** Wear self-contained breathing apparatus (SCBA).

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6. Accidental Release Measures

- **Personal Precautions:** Eliminate all ignition sources. Avoid creating dust.
- **Environmental Precautions:** Prevent discharge into drains, rivers, or soil.
- **Cleanup Procedures:** Contain the spill using bunding, transfer material into a labeled salvage container for proper disposal.

7. Handling and Storage

- **Handling:**
 - Ensure good ventilation in the area.
 - Avoid eating, drinking, or smoking while handling.
 - Use non-sparking tools.
- **Storage Conditions:**
 - Store in a **cool, well-ventilated area**, away from sources of ignition.
 - Keep containers tightly closed and in original packaging.
 - Keep out of reach of children.

8. Exposure Controls / Personal Protection

- **Engineering Measures:** Ensure containment or segregation to minimize exposure.
 - **Personal Protective Equipment (PPE):**
 - **Respiratory Protection:** Use an OSHA-approved respirator if exposure exceeds limits.
 - **Hand Protection:** Chemical-resistant gloves.
 - **Eye Protection:** Safety goggles.
 - **Skin Protection:** Overalls, goggles, and chemical-resistant gloves.
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9. Physical and Chemical Properties

Property	Value
Physical State	Liquid
Color	Beige
Odor	Characteristic
Solubility in Water	Forms suspension in water
pH (1% dispersion)	6 - 9
Flash Point	Not applicable

10. Stability and Reactivity

- **Stability:** Stable under normal storage conditions.
- **Conditions to Avoid:** Contact with acids and moisture during storage.
- **Decomposition Products:** Toxic fumes, including sulfur oxides, CO₂, CO, and nitrogen oxides.

11. Toxicological Information

Parameter	Azoxystrobin	Difenoconazole
Oral LD50 (Rat)	> 5000 mg/kg	1453 mg/kg
Dermal LD50 (Rat)	> 2000 mg/kg	> 2010 mg/kg
Inhalation LC50 (Rat, 4h)	0.7 mg/L	> 3300 mg/m ³
Eye Irritation (Rabbit)	May cause irritation -	
Skin Irritation (Rabbit)	Non-irritant	-
Skin Sensitization (Guinea Pig)	Non-irritant	-

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12. Ecological Information

- **Ecotoxicity:**
 - **Fish Toxicity (96h LC50)**
 - Azoxystrobin (Rainbow Trout): 0.47 mg/L
 - Difenoconazole (Rainbow Trout): 1.1 mg/L
 - **Algae Toxicity (96h EC50)**
 - Azoxystrobin: 2 mg/L
 - Difenoconazole: 0.091 mg/L
 - **Daphnia Toxicity (48h EC50)**
 - Azoxystrobin: 0.055 mg/L
 - Difenoconazole: 0.77 mg/L
- **Bioaccumulation:** Low potential.
- **Soil Mobility:** Low potential for mobility.

13. Disposal Considerations

- **Waste Disposal:** Dispose of waste at an approved facility.
- **Container Disposal:** Follow local hazardous waste regulations.

14. Transport Information

Mode	UN Number	Hazard Class	Packing Group	Additional Info
DOT (US Bulk Transport)	3082	9	III	Environmentally Hazardous
ADR / RID (Land Transport)	3082	9	III	Azoxystrobin and Difenoconazole

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Mode	UN Number	Hazard Class	Packing Group	Additional Info
IMDG / IMO (Marine Transport)	3082	9	III	Marine Pollutant
IATA / ICAO (Air Transport)	3082	9	III	-

15. Regulatory Information

- **Hazard Symbols:**
 - **Xn (Harmful/Irritant)**
 - **N (Dangerous for Environment)**
- **Risk Phrases:**
 - **R21:** Harmful in contact with skin.
- **Safety Phrases:**
 - **S2:** Keep out of reach of children.
 - **S60:** Dispose of material and container as hazardous waste.
 - **S61:** Avoid release to the environment.

16. Other Information

- The information in this SDS is provided as a guideline.
- The company is **not liable** for damages resulting from misuse.