

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

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SAFETY DATA SHEET
Azoxystrobin Technical (min. 98%)

1. Identification of the Substance and Supplier

- **Substance Name:** Azoxystrobin Technical (min. 98%)
- **Product Type:** Biocidal (fungicide)
- **Main Use:** Industrial and professional use
- **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

- **Classification (EC No. 1272/2008 [CLP]):**
 - **Acute Toxicity (Inhalation, Dust/Mist) - Category 3 (H331)** → *Toxic if inhaled*
 - **Aquatic Acute Hazard - Category 1 (H400)** → *Very toxic to aquatic life*
 - **Aquatic Chronic Hazard - Category 1 (H410)** → *Very toxic to aquatic life with long-lasting effects*
- **Label Elements:**
 - **Signal Word:** *Danger*
 - **Hazard Pictograms:**
 -  (GHS06 - Toxic)
 -  (GHS09 - Environmental Hazard)
- **Precautionary Statements:**
 - **P261:** Avoid breathing dust.
 - **P273:** Avoid release to the environment.
 - **P304+P340+P311:** If inhaled, remove person to fresh air and seek medical help.

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- **P391:** Collect spillage.
- **P501:** Dispose of contents/container to an approved waste disposal facility.
- **Other Hazards:** Not classified as PBT or vPvB under REACH regulation.

3. Composition / Information on Ingredients

Component	CAS Number	Concentration (% w/w)	Classification (EC 1272/2008)
Azoxystrobin (ISO)	131860-33-8	≥98%	Acute Tox. 3 (Inh.), H331; Aquatic Acute 1, H400; Aquatic Chronic 1, H410

4. First Aid Measures

- **Inhalation:** Move to fresh air, keep comfortable, and seek medical advice.
- **Skin Contact:** Remove contaminated clothing, wash skin with plenty of water.
- **Eye Contact:** Rinse eyes thoroughly with water for at least 15 minutes, remove contact lenses, seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth, do not induce vomiting, seek medical help if unwell.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Foam, dry powder, CO₂, water spray, sand.
- **Unsuitable Media:** Do not use heavy water jets.
- **Fire Hazards:** No major fire or explosion risk.
- **Protective Equipment:** Firefighters should use protective gear and self-contained breathing apparatus.

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust inhalation, evacuate non-essential personnel.

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- **Environmental Precautions:** Prevent entry into waterways or drains.
 - **Cleanup Procedure:** Collect spilled material and dispose of it safely.
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7. Handling and Storage

- **Handling Precautions:** Work in well-ventilated areas, avoid inhalation of dust.
 - **Storage Conditions:** Keep in a tightly closed original container in a cool, dry, and well-ventilated place.
 - **Incompatible Materials:** Strong acids, strong bases, oxidizing agents.
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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Ensure good ventilation.
 - **Personal Protective Equipment (PPE):**
 - **Hand Protection:** Nitrile rubber or PVC gloves (EN 374 standard).
 - **Eye Protection:** Safety goggles (EN 166 standard).
 - **Respiratory Protection:** Dust mask with filter type P2 (EN 143 standard).
 - **Skin Protection:** Protective clothing (EN 340, EN 369, EN 465 standards).
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9. Physical and Chemical Properties

Property	Value
Physical State	Solid
Appearance	Crystalline powder
Color	Slight yellow to white-grey
Melting Point	114 - 116°C
Solubility in Water	6 mg/L (at 20°C)

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Property	Value
Vapor Pressure	0.00000011 mPa (at 20°C)
Log Pow (Partition Coefficient)	2.5 (at 20°C)
Bulk Density	1.34 g/cm ³

10. Stability and Reactivity

- **Reactivity:** Stable under normal conditions.
 - **Conditions to Avoid:** Heat, direct sunlight.
 - **Hazardous Decomposition Products:** Carbon oxides (CO, CO₂).
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11. Toxicological Information

- **Oral Toxicity (Rat LD50):** >5000 mg/kg
 - **Dermal Toxicity (Rat LD50):** >4000 mg/kg
 - **Inhalation Toxicity (Rat LC50):** >4.67 mg/L
 - **Skin/Eye Irritation:** Not classified
 - **Carcinogenicity/Mutagenicity/Reproductive Toxicity:** Not classified
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12. Ecological Information

- **Environmental Hazards:**
 - Very toxic to aquatic life (H400)
 - Long-lasting environmental effects (H410)
 - **Persistence and Degradability:** No available data.
 - **Bioaccumulation:** Log Pow = 2.5 (moderate bioaccumulation potential).
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13. Disposal Considerations

- **Product Disposal:** Follow local and national waste regulations.
 - **Container Disposal:** Empty containers should be recycled or disposed of safely.
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14. Transport Information

- **UN Number:** 2811
- **Proper Shipping Name:** Toxic Solid, Organic, N.O.S. (Azoxystrobin)
- **Hazard Class:** 6.1 (Toxic substances)
- **Packing Group:** III
- **Environmental Hazards:** Yes (Marine Pollutant)

Mode of Transport Special Provisions

ADR (Road Transport) Classification: T2, Special Provisions: 274, 614

IMDG (Sea Transport) Marine Pollutant, EmS Codes: F-A, S-A

IATA (Air Transport) ERG Code: 6L, Packing Instructions: 677 (Cargo), 670 (Passenger)

15. Regulatory Information

- **EU Classification:**
 - Seveso III Directive: H2 (Acute Toxic - Inhalation), E1 (Hazardous to Aquatic Environment)
 - **Not Listed:** On REACH Annex XIV or REACH Candidate List.
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16. Other Information

- **Hazard Statements (H-codes):**
 - **H331:** Toxic if inhaled.
 - **H400:** Very toxic to aquatic life.

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- **H410:** Very toxic to aquatic life with long-lasting effects.
- **Abbreviations:**
 - **REACH:** Registration, Evaluation, Authorization, and Restriction of Chemicals
 - **CLP:** Classification, Labeling, and Packaging Regulation
 - **PBT:** Persistent, Bioaccumulative, and Toxic
 - **vPvB:** Very Persistent and Very Bioaccumulative