

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
Tebuconazole 10% + Sulphur 65% WG

1. Product Identification

- **Product Name:** Tebuconazole 10% + Sulphur 65% WG
- **Chemical Names:**
 - Tebuconazole (CAS: 107534-96-3)
 - Sulphur (CAS: 7704-34-9)
- **Formulation Type:** Water Dispersible Granules (WG)
- **Intended Use:** Fungicide for the control of fungal diseases in crops
- **Manufacturer/Supplier:** Cocreate Global Technologies Private Limited

2. Hazard Identification

- **Hazard Classification:**
 - May cause skin and eye irritation
 - Harmful if inhaled
 - Toxic to aquatic life with long-lasting effects
- **Signal Word:** Warning
- **Hazard Statements:**
 - Causes mild skin irritation
 - Causes eye irritation
 - May cause respiratory tract irritation
 - Toxic to aquatic life
- **Precautionary Statements:**
 - Avoid breathing dust
 - Wear protective gloves and safety glasses

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- Prevent release into the environment

3. Composition/Information on Ingredients

- **Active Ingredients:**
 - **Tebuconazole:** 10% w/w
 - **Sulphur:** 65% w/w
- **Other Ingredients:** 25% w/w (inert formulation aids)

4. First Aid Measures

- **Inhalation:** Move to fresh air immediately and seek medical attention if breathing difficulty persists.
- **Skin Contact:** Wash with soap and water; remove contaminated clothing.
- **Eye Contact:** Rinse with water for at least 15 minutes; seek medical advice if irritation continues.
- **Ingestion:** Rinse mouth with water; do not induce vomiting unless advised by medical personnel. Seek medical attention immediately.

5. Fire-Fighting Measures

- **Flammability:** Not highly flammable, but sulphur dust may ignite.
- **Suitable Extinguishing Media:** Water spray, dry chemical, foam, CO₂.
- **Special Firefighting Procedures:** Use self-contained breathing apparatus and protective gear.

6. Accidental Release Measures

- **Personal Precautions:**
 - Wear protective equipment (gloves, goggles, mask).
 - Avoid creating dust and inhalation.
- **Environmental Precautions:**
 - Prevent entry into water bodies.

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- **Cleanup Methods:**

- Sweep or vacuum without creating dust and place in a properly labeled container.
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7. Handling and Storage

- **Handling:**

- Avoid inhalation, eye contact, and prolonged skin exposure.
- Use in well-ventilated areas.

- **Storage:**

- Store in a cool, dry, well-ventilated area away from food, feed, and water sources.
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8. Exposure Controls/Personal Protection

- **Exposure Limits:**

- OSHA PEL: 10 mg/m³ (sulphur dust)

- **Engineering Controls:**

- Ensure adequate ventilation and dust suppression methods.

- **Personal Protective Equipment (PPE):**

- **Eyes:** Safety goggles
 - **Skin:** Chemical-resistant gloves
 - **Respiratory:** NIOSH-approved dust mask
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9. Physical and Chemical Properties

- **Appearance:** Yellow granular solid
- **Odor:** Sulphurous odor
- **Density:** ~1.2 g/cm³
- **pH (1% solution):** 6.0 – 8.0

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- **Solubility:** Dispersible in water
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10. Stability and Reactivity

- **Stability:** Stable under normal conditions
 - **Incompatibilities:**
 - Strong oxidizing agents
 - Acids and bases
 - **Hazardous Decomposition Products:** Sulfur oxides and nitrogen oxides upon combustion
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11. Toxicological Information

- **Acute Toxicity:** Moderate toxicity when ingested or inhaled
 - **Skin Irritation:** May cause mild irritation
 - **Eye Irritation:** Can cause redness and discomfort
 - **Carcinogenicity:** No evidence of carcinogenic effects
 - **Repeated Exposure:** May cause damage to the liver and endocrine system with prolonged exposure
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12. Ecological Information

- **Aquatic Toxicity:** Toxic to fish and aquatic organisms
 - **Persistence & Degradability:**
 - Sulphur: Moderately persistent in soil
 - Tebuconazole: Degrades over time but may remain in water systems
 - **Bioaccumulation:** Low potential
 - **Soil Mobility:** Limited due to insolubility
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13. Disposal Considerations

- **Waste Disposal:** Dispose of as hazardous waste per local regulations.
 - **Container Disposal:** Triple rinse before disposal; follow regional disposal guidelines.
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14. Transport Information

- **UN Number:** UN3077
 - **Proper Shipping Name:** Environmentally hazardous substance, solid, n.o.s. (Tebuconazole + Sulphur)
 - **Transport Hazard Class:** 9 (Miscellaneous Dangerous Substances)
 - **Packing Group:** III
 - **Environmental Hazards:** Marine pollutant
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15. Regulatory Information

- **EPA Status:** Registered pesticide (EPA Reg. No. [Enter No.])
 - **EU Classification:** Classified as hazardous under CLP regulation
 - **Complies with:** National pesticide regulations in applicable regions
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16. Other Information

- **Disclaimer:** This document is intended for guidance only and should not be used as a substitute for professional judgment. Users must ensure compliance with applicable regulations.