

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
Chlorantraniliprole 18.5% SC

1. Chemical Product and Company Information

- **Product Name:** Chlorantraniliprole 18.5% SC
- **Chemical Name:** 3-bromo-4'-chloro-1-(3-chloro-2-pyridyl)-2'-methyl-6'-(methylcarbamoyl)pyrazole-5-carboxanilide
- **CAS Number:** 500008-45-7
- **Use:** Insecticide
- **Manufacturer/Supplier:** Cocreate Global Technologies Private Limited

2. Hazards Identification

- **Priority Identifier:** ⚠ **Warning**
- **Risk Phrases:**
 - **R43** – May cause skin sensitization
 - **R50/53** – Very toxic to aquatic life with long-term effects
- **Safety Phrases:**
 - **S2** – Keep out of reach of children
 - **S24** – Avoid contact with skin
 - **S28** – Wash skin immediately after contact
 - **S36/37** – Wear protective clothing and gloves
 - **S60** – Dispose of as hazardous waste

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3. Composition / Ingredients

Component	CAS Number	Percentage (w/w)
Chlorantraniliprole	500008-45-7	18.5%
Inert Ingredients	N/A	Q.S.

4. First Aid Measures

- **If Swallowed:** Do **not** induce vomiting; call poison control immediately.
- **Skin Contact:** Wash with plenty of soap and water for **15–20 minutes**.
- **Eye Contact:** Rinse with water for **15–20 minutes**, removing contact lenses if applicable.
- **Inhalation:** Move person to fresh air and provide artificial respiration if needed.
- **Physician Note:** No specific antidote; treat symptomatically.

5. Fire Fighting Measures

- **Flash Point:** Not applicable
- **Extinguishing Media:** Foam, dry chemical, or water spray
- **Fire Hazards:** Can release toxic gases upon combustion
- **Firefighting Equipment:** Self-contained breathing apparatus (SCBA) required

6. Accidental Release Measures

- **Personal Safety:** Avoid contact with skin and eyes; wear protective gear.
- **Environmental Precautions:** Prevent entry into waterways or sewers.
- **Cleanup:** Absorb with inert material and dispose of according to regulations.

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7. Handling and Storage

- **Handling:** Use protective gear and ensure proper ventilation.
 - **Storage Conditions:**
 - Store in **sealed containers** in a **dry, well-ventilated area**.
 - Keep away from **food, feed, seed, and fertilizers**.
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8. Exposure Controls / Personal Protection

- **Engineering Controls:** Adequate ventilation required.
 - **Protective Equipment:**
 - **Eyes:** Safety goggles
 - **Skin:** Protective suit, gloves
 - **General Hygiene:** Wash hands before eating, drinking, or smoking.
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9. Physical and Chemical Properties

- **Appearance:** White to off-white liquid
 - **Odor:** Not applicable
 - **pH:** 5 – 8 (1% solution in water)
 - **Autoignition Temp:** 575°C
 - **Density:** 1.05 – 1.15 g/ml
 - **Viscosity:** 300 – 800 cps
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10. Stability and Reactivity

- **Reactivity:** Non-reactive
- **Stability:** Stable under normal conditions
- **Hazardous Decomposition Products:** Toxic vapors upon combustion

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11. Toxicological Information

- **Oral LD50 (Rat):** 5000 mg/kg
- **Dermal LD50 (Rat):** >5000 mg/kg
- **Inhalation LC50 (Rat, 4h):** 2 mg/L
- **Skin Irritation:** Non-irritant
- **Eye Irritation:** Non-irritant
- **Carcinogenicity & Mutagenicity:** No evidence of carcinogenic or mutagenic effects

12. Ecological Information

- **Fish Toxicity:**
 - **LC50 (Carp, 96h):** >100 mg/L
 - **LC50 (Rainbow Trout, 96h):** >13.8 mg/L
- **Daphnia Toxicity:**
 - **EC50 (Water flea, 48h):** 0.0116 mg/L
- **Algae Toxicity:**
 - **EC50 (Green algae, 96h):** >2 mg/L
- **Environmental Fate:** Not readily biodegradable

13. Disposal Considerations

- **Waste Disposal:** Follow local regulations; do not reuse empty containers.
- **Industrial Waste Management:** Secure disposal via licensed facilities.

14. Transport Information

- **UN Number:** NA

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- **Proper Shipping Name:** NA
 - **Class:** NA
 - **Packing Group:** NA
 - **Marine Pollutant:** NA
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15. Regulatory Information

- **FIFRA:** EPA-registered pesticide with safety labeling requirements.
 - **SARA Title III Classification:**
 - **Section 302:** Not applicable
 - **Section 311/312:** Acute and chronic health hazards
 - **Section 313:** Not applicable
 - **TSCA Status:** Listed or exempt
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16. Other Information

- **Manufacturer Disclaimer:** Information is accurate to the best of their knowledge but does not replace user risk assessment.