

# 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           |
|-----------------------------|
| Clodinafop Propargyl 15% WP |

## 1. Identification of Company & Product

- **Product Name:** Clodinafop Propargyl 15% WP
- **Chemical Name:** Prop-2-ynyl(R)-2-[4-(5-chloro-3-fluoro-2-pyridyloxy) phenoxy] propionate
- **Molecular Formula:**  $C_{17}H_{13}ClFNO_4$
- **Use:** Herbicide
- **Manufacturer/Supplier:** Cocreate Global Technologies Private Limited

## 2. Composition / Information on Ingredients

| Component                   | CAS Number  | Percentage (w/w) |
|-----------------------------|-------------|------------------|
| Clodinafop Propargyl (a.i.) | 105512-06-9 | 15.00%           |
| Other Ingredients           | —           | 85.00%           |

## 3. Health Hazard Identification

- **Acute Exposure Symptoms:**
  - Irritation to eyes, skin, and respiratory tract
  - Possible skin allergies
  - High vapor levels may cause dizziness, headache, nausea, numbness, and lack of coordination

## 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



### 4. First Aid Measures

- **Skin Contact:** Wash immediately with soap and water.
  - **Eye Contact:** Flush with clean water for at least 15 minutes. Seek medical attention.
  - **Ingestion:** Do **not** induce vomiting. Seek medical advice immediately.
  - **Inhalation:** Move to fresh air and seek medical attention if symptoms persist.
  - **Treatment:** Symptomatic treatment; no specific antidote.
- 

### 5. Fire Fighting Measures

- **Fire Hazards:** May emit **hydrogen chloride and organochlorine compounds** when burned.
  - **Extinguishing Media:**
    - **Small Fires:** Water spray, alcohol-resistant foam, dry chemical, or CO<sub>2</sub>
    - **Large Fires:** Alcohol-resistant foam or water spray
  - **Protective Equipment:** Firefighters should wear **SCBA and chemical-resistant clothing**.
- 

### 6. Accidental Release Measures

- **Personal Precautions:** Wear protective clothing, avoid skin and eye contact.
  - **Environmental Precautions:**
    - Do **not** discharge into drains, surface waters, or soil.
    - Absorb spills with inert material and dispose of safely.
-

## 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



### 7. Handling and Storage

- **Handling:** Avoid contact with skin and eyes. Use proper ventilation.
  - **Storage:**
    - Keep away from **heat, sunlight, and moisture.**
    - Store in a **cool, dry, well-ventilated area.**
- 

### 8. Exposure Controls / Personal Protection

- **Engineering Controls:** Use adequate ventilation.
  - **Protective Equipment:**
    - **Eyes:** Safety goggles with side shields
    - **Hands:** Chemical-resistant gloves (e.g., **nitrile rubber 0.4mm**)
    - **Body:** Chemical-resistant suit and boots
    - **General Hygiene:**
      - Wash hands before eating, drinking, or smoking.
      - No food, drink, or feed storage near work area.
- 

### 9. Physical and Chemical Properties

- **Physical State:** Fine powder
  - **Color:** Snow white
  - **Odor:** Characteristic
  - **pH:** 4.5 – 7.0
  - **Bulk Density:** 0.35 g/cm<sup>3</sup>
  - **Flammability:** Not available
  - **Persistent Foam:** Max 40 mL after 1 min
-

## 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



### 10. Stability and Reactivity

- **Incompatible Materials:** Strong oxidizers, acids, and alkalis
  - **Polymerization:** Will not occur
  - **Decomposition Products:** May release toxic gases at high temperatures
- 

### 11. Toxicological Information

- **Acute Oral Toxicity:** LD50 > 2000 mg/kg
  - **Acute Inhalation Toxicity:** LD50 > 3500 mg/m<sup>3</sup>
  - **Acute Dermal Toxicity:** LD50 > 4000 mg/kg
  - **Skin Irritation:** Moderate irritant
  - **Eye Irritation:** Moderate irritant
  - **Sensitization:** Potential skin sensitizer
- 

### 12. Ecological Information

- **Fish Toxicity:**
    - **LC50 (96h) for Rainbow Trout:** 0.39 mg/kg
    - **LC50 for Carp:** 0.46 mg/kg
    - **LC50 for Catfish:** 0.43 mg/kg
  - **Daphnia Toxicity:** LC50 (48h) > 74 mg/kg
  - **Algae Toxicity:**
    - **EC50 (96-120h) for Scenedesmus:** 25 mg/L
    - **Microcystis:** >65.5 mg/L
    - **Navicula:** 6.8 mg/L
-

## 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



### 13. Disposal Considerations

- **Container Disposal:**
    - Triple rinse and return to an **approved recovery collection point**.
    - Do **not** contaminate water supplies with chemical or empty containers.
- 

### 14. Transport Information

- **Shipping Name:** NA
  - **Class:** NA
  - **Packing Group:** NA
  - **UN Number:** NA
  - **Marine Pollutant:** NA
- 

### 15. Regulatory Information

- **Approved Handlers:** Product must be used under the supervision of an approved handler.
  - **Tracking Requirements:** Applicable during use and transport.
- 

### 16. Other Information

- **Disclaimer:** Information is based on current knowledge and provided for safety compliance.