

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@scimlify.com

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MATERIAL SAFETY DATA SHEET FOR HALQUINOL 98%

1. Product Identification and Company Information

- Product Name:** Halquinol 98%
- Synonyms:** Control mixture of chlorhydroxyquinoline as 5-7-dichloroquinolin-8-ol
- Company Information:**
Cocreate Global Technologies Private Limited
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2. Composition / Information on Ingredients

- Ingredient Name:** Halquinol 98%
- TLV (Units):** -
- CAS No.:** 8067-69-4

3. Hazards Identification

- Emergency Overview:** N.A.
- Potential Health Effects:**
 - Inhalation:** Use mask.
 - Eye Contact:** Wash with water.
 - Skin Contact:** Wash with water.
 - Ingestion:** Wash with water.
 - Overview:** Nil.
 - Toxicity:** L.D.
 - Irritation:** Nil.

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4. First Aid Measures

- **Inhalation:** Wash with water.
- **Eye Contact:** Wash with water.
- **Skin Contact:** Wash with water.
- **Ingestion:** Wash with water.

5. Fire Fighting Measures

- **Flashpoint:** No Data.
- **Flammable Limits:** No Data.
- **LEL Lower:** N.A.
- **UEL Upper:** N.A.
- **Auto Ignition Temp.:** N.A.
- **General Hazard:** Non-Hazardous.
- **Fire Fighting Instructions:** General (No Specific Instruction).
- **Fire Fighting Equipment:** General (No Specific Instruction).

6. Accidental Release Measures

- **General:** Wash with Water.

7. Handling and Storage

- **General:**

- Keep container sealed when not in use.
- Keep container clearly labeled.
- Keep in a dry & dark place.

8. Exposure Controls / Personal Protection

- **Airborne Exposure Limits:**

- ACGIH Threshold Limit Value (TLV): 1 mg/m³ (TWA) soluble iron salt as Fe.

- **Ventilation System:**

- A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits.
- Local exhaust ventilation is preferred as it controls emissions at the source, preventing dispersion into the general work area.
- Refer to the ACGIH document *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

- **Personal Respirators (NIOSH Approved):**

- If the exposure limit is exceeded and engineering controls are not feasible, a half-facepiece particulate respirator (NIOSH type N95 or better filters) may be used for up to ten times the exposure limit or as specified by the regulatory agency.
- For higher exposures, a full-face piece particulate respirator (NIOSH type N100 filters) may be used for up to 50 times the exposure limit or as per regulatory specifications.
- If particles (e.g., lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter.
- For emergencies, use a full-facepiece positive-pressure, air-supplied respirator.
- **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

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- **Skin Protection:**

- - Use gloves and lab coat, apron, or coveralls.

- **Eye Protection:**

- - Use chemical safety goggles. Maintain an eye wash fountain and quick-drench facilities in the work area.

9. Physical and Chemical Properties

- **Appearance:** A yellowish to yellowish-gray voluminous powder, characteristic odor of cresol.
- **Solubility:** Insoluble in water.
- **Vapor Pressure:** N.A.
- **Specific Gravity:** N.A.
- **Vapor Density:** N.A.
- **Reactivity in Water:** Nil.
- **Boiling Point:** --
- **Melting Point:** --

10. Stability and Reactivity Data

- **Incompatible Material & Conditions to Avoid:** Depend upon storage & packing condition.
- **Hazardous Decomposition:** N.A.

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11. Toxicological Information

- **NTP Carcinogen:**
 - **Ingredient:** Halquinol 98% (8067-69-4)
 - **Known:** No
 - **Anticipated:** No
 - **IARC Category:** None

12. Ecological Information

- **Environmental Fate:** No information found.
- **Environmental Toxicity:** No information found.

13. Disposal Considerations

- Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.
- Processing, use, or contamination of this product may change the waste management options.
- State and local disposal regulations may differ from federal disposal regulations.
- Dispose of the container and unused contents in accordance with federal, state, and local requirements.

14. Transport Information

- Not regulated.

15. Other Regulatory Information

- **Chemical Weapons Convention:** No
- **TSCA 12(b):** No
- **CDTA:** No
- **SARA 311/312:**

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- **Acute:** No
- **Chronic:** No
- **Fire:** No
- **Pressure:** No
- **Reactivity:** No
- **Form:** Pure/Solid

16. Other Information

- **NFPA Ratings:**
 - **Health:** 0
 - **Flammability:** 1
 - **Reactivity:** 0
- **Label Hazard Warning:**
 - As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes, and clothing.
- **Label Precautions:** None.
- **Label First Aid:** Not applicable.
- **Product Use:** Veterinary use, growth promoter for poultry.