



SWADESH(INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Para-Chlorometaxlenol (PCMX)**
- **Synonyms:** 4-Chloro-3,5-dimethylphenol, Chloroxlenol

Manufacturer/Supplier:

Swadesh (India) Chemical Pvt. Ltd.

Address:

Survey No: 512, Plot No. 7,
Shri Hari Industrial Park,
Kadadra Village, Near ZAK GIDC,
Dehgam, Gandhinagar, Gujarat, India – 382330

Contact:

- Email: business@swadeshindia.in
- Website: www.swadeshindia.in

Recommended Use:

- Antiseptic, disinfectant, preservative

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Para-Chlorometaxlenol	88-04-0	≥ 98% (Pure)

Additional Notes:

- **Impurities:** May contain trace isomers (<0.5%).



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Acute Toxicity (Oral, Category 3)
- Skin Corrosion/Irritation (Category 2)
- Eye Damage (Category 1)
- Hazardous to Aquatic Life (Chronic, Category 2)

Hazard Statements (H-Codes):

- H301 (Toxic if swallowed)
- H315 (Causes skin irritation)
- H318 (Causes serious eye damage)
- H411 (Toxic to aquatic life with long-lasting effects)

Precautionary Statements (P-Codes):

- P264 (Wash hands thoroughly after handling)
- P305+P351+P338 (IF IN EYES: Rinse cautiously with water for several minutes)
- P301+P312 (IF SWALLOWED: Call a poison center/doctor if you feel unwell)

4. FIRST AID MEASURES

- **Inhalation:** Move to fresh air; seek medical attention if breathing difficulty occurs.
- **Skin Contact:** Wash with soap and water; remove contaminated clothing.
- **Eye Contact:** Rinse immediately with water for 15 mins; consult an ophthalmologist if irritation persists.
- **Ingestion:** Rinse mouth, drink water; **DO NOT induce vomiting.** Seek medical help if symptoms appear.

5. FIRE FIGHTING MEASURES

- Extinguishing Media: Water spray, dry chemical, CO₂, or foam.
- Hazardous Combustion Products: CO, CO₂, hydrogen chloride gas.
- Protective Equipment for Firefighters: May melt and flow when heated.



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6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - **Personal Precautions:** Wear nitrile gloves, goggles, and dust mask.
 - **Environmental Precautions:** Prevent entry into drains/waterways.
 - **Cleanup Methods:** Absorb with inert material (sand, vermiculite).

7. HANDLING AND STORAGE

- **Handling:**
 - Use in well-ventilated areas.
 - Avoid dust formation.
- **Storage:**
 - Store in airtight containers away from oxidizers.
 - Keep in cool, dry place (<30°C).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Local exhaust ventilation recommended.
- **PPE:**
 - **Respiratory:** N95 mask (if dust is present)
 - **Gloves:** Nitrile (≥0.4mm thickness)
 - **Eye Protection:** Chemical goggles
 - **Body Protection:** Lab coat with cuffs

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White to off-white crystalline powder
Odor	Characteristic phenolic
Melting Point	114-116°C
Solubility in Water	Slightly soluble (0.3 g/L at 20°C)
pH (saturated solution)	5.0 - 6.0



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10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable under normal conditions

Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

Hazardous Decomposition Products:

- Thermal decomposition releases HCl and COx.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- LD₅₀ (rat) = 383 mg/kg

Skin Irritation:

- May cause allergic dermatitis.

Carcinogenicity:

- Not classified as carcinogenic (IARC, NTP).

12. ECOLOGICAL INFORMATION

Ecotoxicity:

- **Aquatic Toxicity:** LC₅₀ (fish) = 2.1 mg/L (96h)
- **Biodegradation:** Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Incinerate in an approved facility with acid gas scrubber.
- Never dispose of municipal sewage.



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14. TRANSPORT INFORMATION

DOT/IMO/IATA:

- Not classified as dangerous goods

15. REGULATORY INFORMATION

India:

- Compliant with CPCB regulations

International:

- REACH registered
- OSHA compliant

16. ADDITIONAL INFORMATION

Revision Date :20/04/24

Disclaimer: This MSDS is provided for informational purposes only. Users should make their own determination of suitability for any particular purpose.