



SWADESH (INDIA) CHEMICAL PVT.LTD.

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:

- **Chloroxylenol Liquid (PCMX)**
- **Synonyms:** 4-Chloro-3,5-dimethylphenol

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:

- Disinfectant, antiseptic formulation, preservative

2. COMPOSITION/INGREDIENT INFORMATION

Component	CAS No.	Concentration (%)
Chloroxylenol (PCMX)	88-04-0	50%

Additional Notes:

- **Impurities:** Contains <0.5% stabilizers (may include sodium citrate).



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3. HAZARDS IDENTIFICATION

GHS Classification:

- Acute Toxicity (Oral, Category 4)
- Skin Corrosion/Irritation (Category 2)
- Eye Damage (Category 1)
- Flammable Liquid (Category 3)
- Hazardous to Aquatic Life (Chronic, Category 1)

Hazard Statements (H-Codes):

- H302 (Toxic if swallowed)
- H315 (Causes skin irritation)
- H318 (Causes serious eye damage)
- H226 (Flammable liquid and vapor)
- H411 (Very toxic to aquatic life)

Precautionary Statements (P-Codes):

- P210 (Keep away from heat/sparks/open flames)
- P280 (Wear protective gloves/eye protection)
- P301+P312 (IF SWALLOWED: Immediately call a poison center)
- P305+P351+P338 (IF ON SKIN: Rinse cautiously with water)

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: Alcohol-resistant foam, CO₂, dry chemical
- Hazardous Combustion Products: CO, CO₂, hydrogen chloride gas
- Protective Equipment: SCBA and full chemical-resistant suit



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6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

- **Spill Response:**
 - **Small Spills:** Absorb with inert material (sand, vermiculite)
 - **Large Spills:** Contain with dikes, prevent entry into waterways
 - **Environmental Precautions:**
 - Prevent entry into drains/waterways

7. HANDLING AND STORAGE

- **Handling:**
 - Use in well-ventilated areas.
 - Ground containers during transfer
- **Storage:**
 - Store in flammable liquids cabinet
 - Keep containers tightly closed

8. EXPOSURE CONTROL/PERSONAL PROTECTION

- **Engineering Controls:** Explosion-proof ventilation required
- **PPE:**
 - **Respiratory:** Organic vapor respirator
 - **Gloves:** Nitrile ($\geq 0.4\text{mm}$)
 - **Eye Protection:** Chemical goggles + face shield

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, pale yellow liquid
Odor	Characteristic phenolic
Flash Point	~24°C
pH (1% solution)	5.0 - 6.5



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10. STABILITY AND REACTIVITY

Chemical Stability:

- Stable under normal conditions

Incompatible Materials:

- Strong oxidizers
- Strong acids/bases

Hazardous Decomposition Products:

- HCl gas when heated

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- LD₅₀ (oral, rat) ~383 mg/kg

Skin Effects:

- May cause dermatitis

Carcinogenicity:

- Not classified as carcinogenic (IARC, NTP).

12. ECOLOGICAL INFORMATION

Ecotoxicity:

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

13. DISPOSAL CONSIDERATIONS

Waste Disposal:

- Incinerate in approved facility



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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.