

Section 1. Product and Company Identification

**Product Name** Chloroxylenol  
**CAS Number** 88-04-0

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
☎ (914) 654-6800 📠 (914) 654-6899  
🌐 [parchem.com](http://parchem.com) ✉ [info@parchem.com](mailto:info@parchem.com)

EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**  
**Classification in accordance with UN GHS/EU Regulation EC 1272/2008**  
**Hazard Class and Category Code(s)**

Acute Tox. 4; Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1

**GHS Label Elements**

**Pictograms:**



**Signal word:** WARNING

**Hazard and precautionary statements**

**Hazard Statements**

H302: Harmful if swallowed  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation

**Precautionary Statements**

P302 + P352: IF ON SKIN: Wash with plenty of soap and water  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell



Section 3. Composition / Information on Ingredients

**Common Name** Chloroxylenol  
**Synonym(s)** p-Chloro-m-xyleneol; p-Chloro-3,5-metaxylenol; 4-Chloro-3,5-dimethylphenol  
**CAS Number** 88-04-0

COMPONENT	CAS NUMBER	CONCENTRATION
Chloroxylenol	88-04-0	> 98.5%

Section 4. First Aid Measures

**Description of first-aid measures**

**General:** If exposed or concerned: Get medical advice/attention.

**Inhalation:** Remove to fresh air. If breathing has ceased give artificial respiration. Obtain immediate medical attention

**Skin Contact:** Remove contaminated clothing and wash affected area with soap and water immediately. Obtain immediate medical attention.

**Eye Contact:** Remove contact lenses, if worn and rinse open eye with at least 15 minutes under running water and apply sterile protective bandage. Obtain medical attention immediately.

**Ingestion:** Never give anything by mouth if patient is unconscious. Do not induce vomiting. Rinse mouth with water and obtain immediate medical attention.

Section 5. Firefighting Measures

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

**Special hazards arising from the substance or mixture:** Hydrogen chloride gas, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**Advice to firefighters:** Wear self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions:** Do not allow material to contaminate ground water system. Prevent product from entering drains (see section 12 - ecological information).

**Methods and material for containment and cleaning up:** Take up mechanically or sweep up carefully and transfer to a suitable container for recovery or waste disposal (see section 13 disposal consideration). Avoid generation of dust. Ventilate the area and wash spill site after material pick-up is complete. Disposal of waste in accordance with all applicable federal, state and local laws.



### Reference to other sections

Refer section 12 - Ecological information.

### Section 7. Handling and Storage

**Precautions for safe handling:** Wear personal protective equipment. Ensure adequate ventilation. Go not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation

**Conditions for safe storage:** Keep container tightly closed in a dry and well ventilated place.

### Section 8. Exposure Controls / Personal Protection

**Exposure controls:** Use process enclosure, local exhaust ventilations or other controls. To minimize airborne levels of the product. The exposure to the product must be reduced to the lowest level. Wear suitable respirator, safety goggles, suitable gloves & aprons. For extra safety use within fume chambers. Wash thoroughly after handling. Do expose into eyes, on skin & clothing. Avoid prolonged or repeated exposure. Be particular about using the safety showers & eye bath.

**Occupational exposure controls:** Wear recommended personal protective equipment as details below:

**Personal protection:** Chemical resistant gloves & safety glasses is must

**Respiratory protection:** Seek professional advice prior to respirator selection. Atmospheric level should be maintained below the exposure limit. If airborne concentrations is high use mask or respirator.

**Hand protection:** Wear chemical protective gloves

**Eye protection:** Wear safety glasses

**Skin protection:** Wear chemically protective clothing

**Work practices:** Eye wash facilities and a safety shower should be easily accessible. Before breaks and at the end of work thoroughly wash hands with soap and water. Wash contaminated clothing before use. Clean footwear before use.

**Environmental exposure controls:** All necessary precautions must be taken to avoid release into the environment. Refer to Local, State or National Legislations for environment and pollution control.

### Section 9. Physical and Chemical Properties

**Form:** White aciform crystals

**Melting point/Freezing point:** 114 - 116°C

**Boiling point:** 246°C at 760 mmHg

**Flash point:** 132°C

**Vapor pressure:** No data available

**Ignition temperature:** No applicable

**Water solubility:** Practically insoluble 0.3 g/L (20°C)

**Vapor density:** Not applicable (Solid)

**Partition Coefficient:** Log Pow: 2.8

**Explosive properties:** No data available



**Explosive limits:** No data available  
**Flammability:** No information available

Section 10. Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product  
**Chemical stability:** Stable under recommended storage conditions  
**Possibility of hazardous reactions:** Hazardous polymerization does not occur  
**Conditions to avoid:** Avoid excessive heat, Avoid dust formation, Incompatible products  
**Incompatible materials:** Strong Oxidizing agents, Strong bases  
**Hazardous decomposition products:** Under fire - Hydrogen chloride gas, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

Section 11. Toxicological Information

**Acute toxicity:** LD50 oral (rat) 3830 mg/kg  
**Skin corrosion/Irritation:** Category 2  
**Serious eye damage/eye irritation:** Category 2  
**Respiratory or skin sensitization:** Category 1  
**Reproductive toxicity:** No data available  
**Specific target organ toxicity - single exposure:** No data available  
**Specific target organ toxicity - repeated exposure:** No data available

Section 12. Ecological Information

**Toxicity:** LC50/96h (Fish) 1.3 - 2.1 mg/L  
**Persistence and degradability:** Not readily biodegradable  
**Bioaccumulative potential:** No data available  
**Mobility in soil:** Is not likely mobile in the environment due its low water solubility. Spillage unlikely to penetrate soil  
**Results of PBT and vPvB assessment:** Not known  
**Other adverse effects:** Not known

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**UN Number:** UN3077  
**UN Proper shipping name:** Environmentally hazardous substance, solid n.o.s  
**Transport hazard class(es):** 9  
**Packing group:** III

**Environmental hazards:** Not known

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC code:** Not applicable

**ADR/IATA/IMDG:** UN3077; Environmentally hazardous substance, solid, n.o.s; 9, III

Section 15. Regulatory Information

**Classification in accordance with UN GHS/EU Regulation EC 1272/2008**

**Hazard Class and Category Code(s)**

Acute Tox. 4; Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1

**Hazard statement code(s)**

H302: Harmful if swallowed

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

**Signal word:** 'Warning'

**R-Phrases**

22 - Harmful if swallowed

36/38 - Irritating to eyes and skin

43 - May cause sensitization by skin contact

**S-Phrases**

24 - Avoid contact with skin

37 - Wear suitable gloves

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 12/14/2016