



**ALDON CORPORATION**

# MATERIAL SAFETY DATA SHEET

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MSDS No. CC 273  
Effective Date February 4, 1999

## SECTION V HEALTH HAZARD DATA

CC 273

**Threshold Limited Value** RTECS No. GO7100000 Toxicity data: Ori-rat LDLo 500 mg/kg, scu-rat LD50 400 mg/kg.

**Effects of Overexposure** May be harmful by inhalation, ingestion or skin absorption. Causes skin and eye irritation. Material is irritating to mucous membranes and upper respiratory tract. An allergen. Exercise appropriate procedures to minimize potential hazards.

**Emergency and First Aid Procedures**  
**SKIN:** Flush thoroughly with water, then wash with mild soap and water. **EYES:** Flush thoroughly with water for at least 15 minutes, raising lower and upper eyelids occasionally. Get medical attention. **INGESTION:** If swallowed, if conscious, give one or two glasses of water to drink. Call physician or Poison Control Center. Never give anything by mouth to an unconscious person. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VI REACTIVITY DATA

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>	Excessive temperature, flame and heat.
	<b>Stable</b>	X		

**Incompatibility (Materials to Avoid)** Iron, strong oxidizers.

**Hazardous Decomposition Products** When heated to decomposition, may emit toxic fumes of cresol and chlorine. Toxic fumes of phosgene possible.

<b>Hazardous Polymerization</b>	<b>Conditions to Avoid</b>		Not applicable.
	<b>May Occur</b>	<b>Will Not Occur</b>	
		X	

## SECTION VII SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled** Recover for use if not contaminated. Using proper safety equipment and adequate ventilation, sweep up and place in a suitable container for disposal. Wash spill area with soap and water.

**Waste Disposal Method** Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in an approved incinerator equipped with an afterburner and scrubber or contract with a licensed waste disposal company.

## SECTION VIII SPECIAL PROTECTION INFORMATION

**Respiration Protection (Specify Type)** Work in ventilation hood or wear a NIOSH/MSHA-approved dust mask or respirator.

<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Recommended.</b>	<b>Special</b>	No.
	<b>Mechanical (General)</b>	<b>Recommended.</b>	<b>Other</b>	No.

**Protective Gloves** Impermeable gloves. **Eye Protection** Chemical safety goggles.

**Other Protective Equipment** Lab coat, eye wash station, shower, goggles, apron, ventilation hood.

## SECTION IX SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing** Store in a cool, dry place. Do not store above 30°C (86°F). Wash thoroughly after handling.  
Keep container tightly closed when not in use.

**Other Precautions** Read label on container before using. Do not wear contact lenses when working with chemicals.  
Keep container tightly closed. Avoid inhalation of dust. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing.

For laboratory use only. Not for drug, food or household use. Keep out of reach of children.

<b>Revision</b> No.4	<b>Date</b> 2/4/99	<b>Approved</b> Michael Raszeja	<b>Chemical Safety Coordinator</b> MR
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## SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

<b>Product</b>	CHLOROCRESOL (PARA-CHLORO-META-CRESOL)	 <b>CHEMTREC</b> <b>800-424-9300</b> Day 716-226-6177 <b>NFPA HAZARD RATING</b> LEAST SLIGHT MODERATE HIGH EXTREME 0 1 2 3 4 <b>HMIS *</b>
<b>Chemical Synonyms</b>	3-Methyl-4-Chloro-Phenol	
<b>Formula</b>	C <sub>10</sub> H <sub>7</sub> ClO	
<b>Unit Size</b>	up to 100 grams	
<b>C.A.S. No.</b>	59-50-7	

## SECTION II INGREDIENTS OF MIXTURES

Principal Component(s)	%	TLV Units
Chlorocresol	99%	None established.
<b>DANGER! POISON. HARMFUL IF SWALLOWED OR INHALED. IRRITANT TO SKIN, EYES AND MUCOUS MEMBRANES.</b>		

## SECTION III PHYSICAL DATA

<b>Melting Point (°F)</b>	63°-65°C (145°-149°F).	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.37
<b>Boiling Point (°F)</b>	235°C (455°F).	<b>Percent Volatile by Volume (%)</b>	N/A
<b>Vapor Pressure (mm Hg)</b>	7 at 100°C (212°F).	<b>Evaporation Rate ( =1)</b>	Solid - not applicable.
<b>Vapor Density (Air=1)</b>	None indicated.		
<b>Solubility in Water</b>	4 grams per liter at 20°C (68°F).		
<b>Appearance &amp; Odor</b>	White crystalline powder; weak cresol odor.		

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used)</b>	Not applicable.	<b>Flammable Limits in Air % by Volume</b>	N/A	<b>Lower</b>	<b>Upper</b>
<b>Extinguisher Media</b>	Carbon dioxide; water fog; foam; dry extinguishers.				

### SPECIAL FIREFIGHTING PROCEDURES

In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective clothing. Use water fog if possible as hydrochloric acid fume evolution possible. Cool container with water spray.

(1996 EMERGENCY RESPONSE GUIDEBOOK, DOT P 5800.7, GUIDE PAGE NO. 152)

### UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated to decomposition, may emit toxic fumes of cresol, chlorine; can react with oxidizing materials.

D.O.T. Chlorocresols, 6.1, UN 2669, PG II

Approved by U.S. Department of Labor "essentially similar" to form OSHA-20