

## **MATERIAL SAFETY DATA SHEET**

### **Para-CHLORO-Meta-CRESOL 98%** **(4-chloro-3-methyl phenol)** **(Extra Pure)** **MSDS CAS: 59-50-7**

#### **Section 1: Chemical Product and Company Identification**

##### **Section 1: Chemical Product**

**Product Name:** Para-CHLORO-Meta-CRESOL

**CAS#:** 59-50-7

**Synonym:** 4-chloro-3-methylphenol

**Chemical Name:** Not available.

**Chemical Formula:** Not available.

**Brand :** OXFORD

##### **Details Of The Supplier Of The Safety Data Sheet :**

**Company identification:**      **OXFORD LAB FINE CHEM LLP**  
**Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,**  
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## Section 2: Composition and Information on Ingredients

### Composition:

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref	Classification
4-chloro-3-methylphenol	100 %	59-50-7	200-431-6	604-014-00-3	----	Xn; R21/22 Xi; R41 R43 N; R50  ----- Eye Dam 1 _ H318 Acute Tox. 4 (skin) _ H312 Acute Tox. 4 (oral) _ H302 Skin Sens. 1 _ H317 Aquatic Acute 1 _ H400

## Section 3: Hazards Identification

### Classification of the substance or mixture

#### Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

#### Health hazards :

Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302  
Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1) H317  
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318  
Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4) H312

#### Environmental hazards :

Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1) H400

### Label elements

#### Labelling EC 67/548 or EC 1999/45

#### R Phrase(s) :

R21/22 : Harmful in contact with skin and if swallowed.  
R41 : Risk of serious damage to eyes.  
R43 : May cause sensitization by skin contact.  
R50 : Very toxic to aquatic organisms.

## Section 3: Hazards Identification (Continued)

### S Phrase(s) :

**S2 : Keep out of the reach of children.**

**S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**

**S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.**

**S61 : Avoid release to the environment. Refer to special instructions/Safety data Sheets.**

**Contains : Chlormequat chloride (ISO) – Water.**

### Labelling Regulation EC 1272/2008 (CLP)

#### Hazard statements :

**H318 : Causes serious eye damage.**

**H302 : Harmful if swallowed.**

**H312 : Harmful in contact with skin.**

**H317 : May cause an allergic skin reaction.**

**H400 : Very toxic to aquatic life.**

### Precautionary statements

#### General :

**P102: Keep out of reach of children.**

**P103: Read label before use.**

**P101: If medical advice is needed, have product container or label at hand.**

#### Prevention :

**P280: Wear protective gloves, protective clothing, eye protection, face protection.**

**P261: Avoid breathing dust, fume, gas, mist, vapours, spray.**

**P273: Avoid release to the environment.**

**P264: Wash thoroughly after handling.**

**P270: Do not eat, drink or smoke when using this product.**

**P272: Contaminated work clothing should not be allowed out of the workplace.**

#### Response :

**P302+P352: IF ON SKIN : Wash with plenty of soap and water.**

**P301+P312: IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell.**

**P391: Collect spillage.**

**P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.**

**Remove contact lenses, if present and easy to do. Continue rinsing.**

**P333+P313: If skin irritation or rash occurs : Get medical advice.**

**P363: Wash contaminated clothing before reuse.**

## Section 3: Hazards Identification (Continued)

### Disposal considerations :

**P501:** Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**Contains :** 4-chloro-3-methylphenol.

### Other hazards

**Other hazards :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## Section 4: First Aid Measures

### Description of first aid measures

**Inhalation :** Assure fresh air breathing. Allow the victim to rest.

**Skin contact :** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get medical advice. If skin irritation or rash. occurs : Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse.

**Eye contact :** Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

**Ingestion :** Obtain emergency medical attention. Call a POISON CENTER or doctor if you feel unwell. Do NOT induce vomiting. Rinse mouth.

### Most important symptoms and effects, both acute and delayed

**Symptoms relating to use :** Causes serious eye damage. Repeated exposure to this material can result in absorption through skin causing significant health hazard. May cause an allergic skin reaction. Swallowing a small quantity of this material will result in serious health hazard.

### Indication of any immediate medical attention and special treatment needed

**General information :** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## Section 5: Fire and Explosion Data

### Extinguishing media

**Suitable extinguishing media :** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

## Section 5: Fire and Explosion Data (Continued)

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or mixture**

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

**Advice for fire-fighters**

**Protection against fire** :

Do not enter fire area without proper protective equipment, including respiratory protection.

**Special procedures** :

Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.

**For non-emergency personnel** : Evacuate unnecessary personnel.

**Environmental precautions**

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

**Methods and material for containment and cleaning up**

**Clean up methods** : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials. Collect spillage.

## Section 7: Handling and Storage

**Precautions for safe handling**

**Handling** : Do not eat, drink or smoke when using this product. Avoid breathing dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

## Section 7: Handling and Storage (Continued)

### Conditions for safe storage, including any incompatibilities

**Storage :** Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Storage - away from :** Strong bases. Strong acids. Sources of ignition. Direct sunlight.

## Section 8: Exposure Controls/Personal Protection

### Exposure controls

**Personal protection :** Avoid all unnecessary exposure.

**Respiratory protection :** Wear approved mask.

**Hand protection :** Wear protective gloves.

**Eye protection :** Chemical goggles or safety glasses.

**Others :** When using, do not eat, drink or smoke.

### Control parameters

**Occupational Exposure Limits :** No data available.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical state at 20 °C</b>	<b>: Solid.</b>
<b>Colour</b>	<b>: White crystalline</b>
<b>Odour</b>	<b>: Odorless</b>
<b>Odour threshold</b>	<b>: No data available.</b>
<b>pH value</b>	<b>: No data available.</b>
<b>Melting point</b>	<b>: 63 - 65 °C</b>
<b>Decomposition point</b>	<b>: No data available.</b>
<b>Critical temperature</b>	<b>: No data available.</b>
<b>Auto-ignition temperature</b>	<b>: 590 0C</b>
<b>Flammability (solid, gas)</b>	<b>: No data available.</b>
<b>Flash point</b>	<b>: 118°C</b>
<b>Boiling point</b>	<b>: 235 °C</b>
<b>Initial boiling point</b>	<b>: No data available.</b>
<b>Final boiling point</b>	<b>: No data available.</b>

## Section 9: Physical and Chemical Properties (Continued)

Evaporation rate	: No data available.
Vapour pressure	: 0.1 hPa at 20,0 °C
Vapour pressure mm/Hg	: No data available.
Vapour density	: No data available.
Density	: 1,37
Relative density, gas	: No data available.
Relative density, liquid	: No data available.
Solubility in water	: Soluble in water.
Solubility in water	: No data available.
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 5,6
Viscosity at 40°C	: No data available.

### Other information

Explosive properties	: No data available.
Explosion limits - upper	: No data available.
Explosion limits – lower	: No data available.
Oxidising properties	: No data available.

## Section 10: Stability and Reactivity Data

### Reactivity

Reactivity : Not established.

### Chemical stability

Chemical stability : Stable under recommended storage conditions.

### Possibility of hazardous reactions

Hazardous reactions : Not established.

### Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

### Incompatible materials

Materials to avoid : Strong acids. Strong bases.

## Section 10: Stability and Reactivity Data (Continued)

### Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

**Inhalation** : Based on available data, the classification criteria are not met.

**Dermal** : Harmful in contact with skin.

**Ingestion** : Harmful if swallowed.

**Corrosion** : Causes serious eye damage.

**Irritation** : Based on available data, the classification criteria are not met.

**Sensitization** : May cause an allergic skin reaction.

**Mutagenicity** : Based on available data, the classification criteria are not met.

**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Based on available data, the classification criteria are not met.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

## Section 12: Ecological Information

### Toxicity

**Toxicity information** : Very toxic to aquatic life.

### Persistence - degradability

**Persistence - degradability** : Biodegradable.

### Bioaccumulative potential

**Bioaccumulative potential** : Not established.

### Mobility in soil

**Mobility in soil** : Not established.

## Section 12: Ecological Information (Continued)

### Results of PBT and vPvB assessment

#### **Results of PBT and vPvB assessment :**

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### Other adverse effects

**Environmental precautions :** Avoid release to the environment.

## Section 13: Disposal Considerations

### Waste treatment methods

#### **General :**

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## Section 14: Transport Information

### Land transport (ADR-RID)

**Proper shipping name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**UN N° :** 3077

**H.I. nr :** 90

**ADR - Class :** 9

**Labelling - Transport :** 9 : Miscellaneous dangerous substances and articles.

**ADR - Group :** III

### Sea transport (IMDG) [English only]

**Proper shipping name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**UN N° :** 3077

**IMO-IMDG - Class or division :** 9 : Miscellaneous dangerous substances and articles.

**IMO-IMDG - Packing group :** III

## Section 14: Transport Information (Continued)

### Air transport (ICAO-IATA) [English only]

Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

UN N° : 3077

IATA - Class or division : 9 : Miscellaneous dangerous substances and articles.

IATA - Packing group : III

## Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

### Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

## Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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