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CHLOROCRESOL		900034

Danger



Synonyms

Chlorocresolum

4-chloro-3methylphenol

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Identification of the product : Raw material
Product code : 900034
Trade name : CHLOROCRESOL
CAS number : CAS No : 000059-50-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Pharmaceutical

1.3. Details of the supplier of the safety data sheet

Company identification : Duchefa Farma
 A. Hofmanweg 71
 2031 BH Haarlem The Netherlands
 Tel: +31(0)23-5319093
 Fax: +31(0)23-5318027
 E-mail: info@ducheffa.nl

1.4. Emergency telephone number

Emergency phone nr : Tel: (+31)-(0)23-5319093

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: Xn; R21/22
 : Xi; R41
 : R43
 : N; R50

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- **Health hazards** : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4)
 Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4)
 Serious eye damage - Category 1 - Danger
 Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1)
- **Environmental hazards** : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1)

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

- **Symbol(s)** : Xn : Harmful
 N : Dangerous for the environment

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A. Hofmanweg 71 2031 BH Haarlem The Netherlands
 Tel: +31(0)23-5319093
 Fax: +31(0)23-5318027
 E-mail: info@ducheffa.nl

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SECTION 2 Hazards identification (continued)

- **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.
- **S Phrase(s)** : 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.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



- **Hazard pictograms code** : GHS05 - GHS07 - GHS09
- **Signal words** : Danger
- **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**
 - **Prevention** : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
 - **Response** : P305+P351+P338+P310+P321 - IF IN EYES : Rinse cautiously with water for several minutes.
P273 - Avoid release to the environment.
P302+P352 - IF ON SKIN : Wash with plenty of soap and water.

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

Substance / Preparation : Substance.
4-chloro-3-methylphenol
CAS No :000059-50-7
EC No :200-431-6
Annex No :604-014-00-3
Ref REACH :---

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
4-chloro-3-methylphenol	: 98 - 101 %	59-50-7	200-431-6	604-014-00-3	----	Xn; R21/22 Xi; R41 R43 N; R50 ----- Eye Dam 1 Acute Tox. 4 (skin) Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Acute 1

SECTION 4 First aid measures

4.1. Description of first aid measures

- **Inhalation** : Seek medical advice.
Remove victim to fresh air.

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SECTION 4 First aid measures (continued)

- Skin contact : Flush with plenty of water.
Seek medical attention if ill effect or irritation develops.
- Eye contact : Seek medical attention if ill effect or irritation develops.
Rinse with water.
- Ingestion : Seek medical attention immediately.
Give water to drink.
Induce vomiting if victim completely conscious/alert.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms and effects, both acute and delayed** : This material or its emissions may affect the central nervous system and/or aggravate pre-existing disorders.

4.3. Indication of any immediate medical attention and special treatment needed

- Medical attention and special treatment needed** : No data available.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Alcohol foam.
Dry powder.
Water.
Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products** : High temperature may liberate dangerous gases.

5.3. Advice for fire-fighters

- Protection against fire** : Wear proper protective equipment.
Special procedures : Avoid (reject) fire-fighting water to enter environment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General precautions** : Dispose in a safe manner in accordance with local/national regulations.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Flush residue with large amounts of water.
Sweep up dry powder and dispose properly.

6.4. Reference to other sections

- Reference to other sections** : No Reference

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- General** : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Keep in fireproof place.
Keep away from sources of ignition.
Direct sunlight.
Store in dry, well-ventilated area.

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SECTION 7 Handling and storage (continued)

Store at room temperature

7.3. Specific end use(s)

Specific end use(s) : Pharmaceutical

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Exposure controls : Not established.

8.2. Exposure controls

- Eye protection : Safety glasses.
- Hand protection : Wear gloves.
- Respiratory protection : Suitable respiratory equipment.
- Thermal hazards : No data available.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

• Appearance

Appearance : Flakes.
Powder.
Crystals.

• Odour

Odour : Characteristic.

• Odour threshold

Odour threshold : Not established.

• pH

pH value : 6 - 6.5 1g/l at 20° C

• Melting point / Freezing point

Melting point [°C] : 63 - 64

• Initial boiling point - boiling range

Boiling point [°C] : 238

• Flash point

Flash point [°C] : 118

• Evaporation rate

Evaporation rate (ether=1) : No data available.

• Flammability

Flammability range [vol% in air] : No data available.

• Explosion limits (lower - upper)

Explosion limits : No data available.

• Vapour pressure

Vapour pressure [hPa] : 0.08 (20° C)

• Vapour density

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SECTION 9 Physical and chemical properties (continued)

Relative vapour density (air=1) : No data available.

• Relative density

Relative density : Not established.

• Solubility

Solubility in water [% weight] : 4 g/l (20° C)

• Partition coefficient : n-octanol / water

Log P octanol / water at 20°C : Not established.

• Auto-ignition temperature

Auto-ignition temperature [°C] : No data available.

• Thermal decomposition

Thermal decomposition [°C] : No data available.

• Viscosity

Viscosity : No data available.

• Explosive Properties

Explosive Properties : Not established.

• Oxidising properties

Oxidising properties : Not established.

9.2. Other information

Molecular weight : 142.6

SECTION 10 Stability and reactivity

10.1. Reactivity

Stability and reactivity : Stable under normal conditions.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Heat sources.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

Hazardous decomposition products : On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

- Inhalation : May cause moderate irritation.
- Dermal : May cause sensitization by skin contact.
- Ocular : Risk of damage to eyes.

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SECTION 11 Toxicological information (continued)

Rabbit oral LD50 [mg/kg] : 1830
 Rabbit dermal LD50 [mg/kg] : > 2000
 Rat inhalation LC50 [mg/l/4h] : > 704

SECTION 12 Ecological information

12.1. Toxicity

Toxic to water organisms.

L.idus LC50 (mg/l) : 1.2 48h

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Environmental precautions : Prevent entry to sewers and public waters.
 Avoid release to the environment.

WGK class (Germany) : 3

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment.
 Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1. UN Number

3077

14.2. Proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3. Transport Hazard Classification

19 Labelling ADR



: 9


Land transport

H.I. nr : 90

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A. Hofmanweg 71 2031 BH Haarlem The Netherlands
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SECTION 14 Transport information (continued)

Proper shipping name : UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, III, (E)
- ADR Class : 9
- ADR Packing group : III
Sea transport
- IMO-IMDG code : Class : 9
- IMO Packing group : III
- IMDG-Marine pollution : YES
- Emergency Schedule (EmS) - Fire : F-A S-F
Air transport
- ICAO/IATA : Packaging instructions cargo : 911
Packaging instructions passenger: 911
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (4-chloro-3-methylphenol)
• Class : 9
- IATA Packing group : III

14.4. Packing group

III

14.5. Environmental hazards

Toxic to water organisms.

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

Additional information : None.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not applicable.

SECTION 15 Regulatory information

EC Labelling

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

Ensure all national/local regulations are observed.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

EC Classification : 4-chloro-3-methylphenol
67/548/EC & 1999/45/EC CAS No :000059-50-7
EC No :200-431-6
Annex No :604-014-00-3
Ref REACH :---
Xn; R21/22
Xi; R41
R43
N; R50

Symbol(s) : Xn : Harmful
N : Dangerous for the environment

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SECTION 15 Regulatory information (continued)

- 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.
- S Phrase(s)** : 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.

15.2. Chemical Safety Assessment

Not established.

SECTION 15 REGULATORY INFORMATION

CLP Labelling REGULATION (EC) No 1272/2008

CLP classification

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- **Health hazards** : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4)
Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4)
Serious eye damage - Category 1 - Danger
Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1)
- **Environmental hazards** : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1)

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



Hazard Class and Category Code REGULATION (EC) No 1272/2008 (CLP)

- **Signal words** : Danger
- **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**
 - **Prevention** : P280 Wear protective gloves, protective clothing, eye protection, face protection.
 - **Response** : P305+P351 IF IN EYES : Rinse cautiously with water for several minutes.
P273 Avoid release to the environment.
P302+P352 IF ON SKIN : Wash with plenty of soap and water.

SECTION 16 Other information

- Further information** : The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Duchefa Farma

A. Hofmanweg 71 2031 BH Haarlem The Netherlands
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SECTION 16 Other information (continued)

Revision : Complete SDS revision

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

End of document

Duchefa Farma

A. Hofmanweg 71 2031 BH Haarlem The Netherlands
 Tel: +31(0)23-5319093
 Fax: +31(0)23-5318027
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