



## Safety Data Sheet

According to Regulation (EC) 1907/2006



A848 p-Cresol

# Identification of the substance/preparation and of the company or firm

## 1.1 Identification of the substance or preparation

Name:

p-Cresol

## 1.2 Synonym:

4-Hydroxytoluene, 4-Methylphenol

## 1.3 Use of the substance/preparation:

For laboratory utilisation, analysis, research and fine chemistry.

## 1.4 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

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Emergencies:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

# Identification of dangers

Classification of the substance or the mixture.

**Classification Regulation (CE) n° 1272/2008.**

Acute Tox. 3

Acute Tox. 3

Skin Corr. 1B

## Hazard Pictograms



## Signal word

Danger

## Hazard statements

H311 Toxic in contact with skin.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

## Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash...thoroughly after handling.

P264 Wash...thoroughly after handling.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

## Classification (67/548/CEE or 1999/45/CE).

T Toxic  
R34  
R24/25

For the full text of the R-phrases mentioned in this section, see section 16.

# Component Composition/Information

Name: p-Cresol

Formula: C<sub>7</sub>H<sub>8</sub>O M.= 108,14 CAS [106-44-5]

EC number (EINECS): 203-398-6

EC index number: 604-004-00-9

## First aid

### 4.1 General indications:

Never provide drink or induce vomiting in the event of loss of consciousness.

### 4.2 Inhaling:

Take the person out into the fresh air. In the event sickness persists, seek medical assistance.

### 4.3 Contact with the skin:

Wash with plenty of water. Remove contaminated clothing. Take the product out with cotton wool soaked in polyethylene-glycol 400.

### 4.4 Eyes:

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. Seek immediate medical assistance.

### 4.5 Swallowing:

Avoid vomiting (there is a risk of perforation). Avoid vomiting (there is a risk of perforation). Induce vomiting. Induce vomiting. Seek immediate medical assistance. Seek immediate medical assistance.

## Fire-fighting means

### 5.1 Suitable fire-extinguishing means:

Water. Carbon dioxide (CO<sub>2</sub>). Foam. Dry powder.

### 5.2 Fire-fighting means which must NOT be used:

### 5.3 Special risks:

Combustible. Keep away from sources of ignition. May form explosive mixtures with the air.

### 5.4 Protective equipment:

## Measures to be taken in the event of accidental spillage

### 6.1 Individual precautions:

Avoid contact with the skin, eyes or clothing.

### 6.2 Precautions for care of the environment:

Avoid pollution of the soil, water supplies and drains.

### 6.3 Methods for collection/cleaning:

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

## Handling and storage

### 7.1 Handling:

Handle under an extractor fan.

### 7.2 Storage:

Well sealed containers. In a cool place. Away from light. In well ventilated premises.

## Staff exposure/protection controls

### 8.1 Technical protective measures:

### 8.2 Exposure limit control:

VLA-ED: 5 ppm ó 22 mg/m<sup>3</sup>

### 8.3 Respiratory protection:

If dust forms, use suitable respiratory protection. Filter A. Filter P3.

### 8.4 Hand protection:

Use suitable gloves neopren nitrile

### 8.5 Eye protection:

Use suitable goggles.

### 8.6 Individual hygiene measures:

Remove contaminated clothing. Wash hands before breaks and when the job is done. Use suitable work clothing.

### 8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

## Physical and chemical properties

Appearance: solid

Colour: White to brownish-yellow

Granulometry:

Odour: Characteristic.

pH:

Melting point/freezing point: 34,8 °C

Initial boiling point and boiling range: 201,9 °C

Flash point: 94 °C
Flammability (solid, gas):
Upper/lower flammability or explosive limits: / 1 %(V)
Vapour pressure: 2,27 hPa (60 °C)
Vapour density:
Relative density: 1,0341
Solubility: 20 g/l water 20 °C
Partition coefficient: n-octanol/water:
Auto-ignition temperature: 555 °C
Decomposition temperature:
Viscosity:

## Stability and reactivity

### 10.1 Conditions which should be avoided:

### 10.2 Matter which should be avoided:

Oxidant agents. Air

### 10.3 Hazardous decomposition products:

Carbon dioxide. Carbon monoxide.

### 10.4 Complementary information:

Light-sensitive.

## Toxicological information

- **Acute toxicity:**

LD50 oral mus : 344 mg/kg

LD50 oral rat : 207 mg/kg

LD50 skn rbt : 301 mg/kg

LD50 skn rat : 750 mg/kg

- **Dangerous effects for health:**

If inhaled: Irritations to the mucosae coughing breathing difficulties Upon contact with the skin: irritations burns Risk of cutaneous absorption. Through contact with the eyes: irritations burns If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. Systemic effects: headaches nausea vomiting vertigo anxiety spasms effects on the central nervous system cardiovascular disorders allergic reaction sensitization Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

# Environmental information

## 12.1 Mobility:

## 12.2 Ecotoxicity:

12.1.1 - EC50 test (mg/l):

12.2.2 - Receptor medium:

Risk for the water environment

Risk for the land environment

12.2.3 - Observations:

Ecotoxic data not available.

## 12.3 Degradability:

12.3.1 - Test:

BOD5

12.3.2 - Biotic degradation classification:

BOD5/COD

Biodegradability

12.3.3 - Abiotic degradation depending on pH:

12.3.4 - Observations:

Data not available.

## 12.4 Accumulation:

12.4.1 - Test:

12.4.2 - Bioaccumulation:

Risk

12.4.3 - Observations:

Data not available.

## 12.5 Other possible effects on the environment:

Environmental risks cannot be excluded if used and/or disposed of inappropriately.

Do not allow it to enter soils or water channels.

# Considerations regarding elimination

### **13.1 Substance or preparation:**

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

### **13.2 Contaminated containers:**

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

## **Information concerning transport**

Overland (ADR):

Technical name: CRESOLS, SOLID

UN 3455 Class: 6.1 8 Packaging group: II (D/E)

By sea (IMDG):

Technical name: CRESOLS, SOLID

UN 3455 Class: 6.1 8 Packaging group: II

By air (ICAI-IATA):

Technical name: Cresols, solid

UN 3455 Class: 6.1 8 Packaging group: II

Packaging instructions: CAO 615 PAX 613

## **Regulatory information**

## **Other information**

**Other precautionary statements**

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P321 Specific treatment (see on this label).

P322 Specific measures (see on this label).

P330 Rinse mouth.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

P361 Remove/Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

**Labelling (65/548/CEE or 1999/45/CE)**

R-phrases(s):	<b>R34</b> Causes burns. <b>R24/25</b> Toxic in contact with skin and if swallowed.
S-phrases(s):	<b>S45</b> In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). <b>S36/37/39</b> Wear suitable protective clothing, gloves and eye/face protection.

Review number and date: 3 3.11.10

Date published: 3.11.10

In respect of the previous review, changes have been made to the following sections: 2, 3, 15

The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.