

# 2-AMINO-4-CHLOROPHENOL

1652  
April 2006

CAS No: 95-85-2  
RTECS No: SJ5700000  
UN No: 2673

p-Chloro-o-aminophenol  
2-Hydroxy-5-chloroaniline  
4-Chloro-2-aminophenol  
C.I. 76525  
 $C_6H_6ClNO$  /  $HOC_6H_3(NH_2)Cl$   
Molecular mass: 143.6

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Water spray, foam, powder, carbon dioxide
<b>EXPLOSION</b>			

EXPOSURE		AVOID ALL CONTACT!	
<b>Inhalation</b>		Local exhaust.	Fresh air, rest.
<b>Skin</b>		Protective gloves. Protective clothing.	Rinse and then wash skin with water and soap.
<b>Eyes</b>	Redness.	Safety goggles.	First rinse with plenty of water (remove contact lenses if easily possible).
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place.	<b>UN classification</b> UN Hazard Class: 6.1 UN Pack Group: II <b>GHS classification</b> Signal: Warning Excl mark Harmful if swallowed May cause allergic skin reaction

EMERGENCY RESPONSE	SAFE STORAGE
Transport Emergency Card: TEC (R)-61GT2-II	Separated from oxidants, food and feedstuffs. Ventilation along the floor.

### IMPORTANT DATA

**Physical State; Appearance**

BROWN CRYSTALLINE POWDER, WITH CHARACTERISTIC ODOUR.

**Physical dangers**

The vapour is heavier than air.

**Chemical dangers**

The substance decomposes on heating or on burning producing toxic and corrosive fumes including hydrogen chloride and nitrogen oxides. Reacts with oxidants.

**Occupational exposure limits**

TLV not established.

MAK not established.

**Routes of exposure**

The substance can be absorbed into the body by inhalation and by ingestion.

**Inhalation risk**

A nuisance-causing concentration of airborne particles can be reached quickly when dispersed, especially if powdered

**Effects of long-term or repeated exposure**

Repeated or prolonged contact may cause skin sensitization.

### PHYSICAL PROPERTIES

Melting point: 140/C

Solubility in water, g/100 ml at 20/C: 0.3

Vapour pressure, Pa at 25/C: 0.2

Relative vapour density (air = 1): 5.0

Flash point: 170/C

Auto-ignition temperature: 500/C

Octanol/water partition coefficient as log Pow: 1.24

### ENVIRONMENTAL DATA

### NOTES

Health effects of exposure to the substance have not been investigated.

Environmental effects from the substance have not been investigated.

### ADDITIONAL INFORMATION

#### LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information