

International Chemical Safety Cards

2,4-DICHLOROPHENOL

ICSC: 0438

2,4-DICHLOROPHENOL

2,4-DCP

$C_6H_4Cl_2O$

Molecular mass: 163.0

CAS # 120-83-2

RTECS # SK8575000

ICSC # 0438

UN # 2020

EC # 604-011-00-7

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			
EXPOSURE		AVOID ALL CONTACT!	
• INHALATION	Burning sensation. Cough. Shortness of breath. Sore throat.	Local exhaust or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
• SKIN	Redness. Pain. Blisters.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
• EYES	Redness. Pain. Severe deep burns.	Face shield, or eye protection in combination with breathing protection.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION	Abdominal cramps. Burning sensation. Sore throat.	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Refer for medical attention.
SPILLAGE DISPOSAL	STORAGE	PACKAGING & LABELLING	
Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Do NOT let this chemical enter the environment (extra personal protection: complete protective clothing including self-contained breathing apparatus).	Separated from strong oxidants, food and feedstuffs. Ventilation along the floor.	Do not transport with food and feedstuffs. C symbol N symbol R: 21/22-34-51/53 S: (1/2-)26-36/37/39-45-61 UN Hazard Class: 6.1 UN Packing Group: III	
SEE IMPORTANT INFORMATION ON BACK			
ICSC: 0438		Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities © IPCS CEC 1993	

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I M P O R T A N T D A T A	<p>PHYSICAL STATE; APPEARANCE: COLOURLESS CRYSTALS, WITH CHARACTERISTIC ODOUR.</p> <p>PHYSICAL DANGERS: The vapour is heavier than air.</p> <p>CHEMICAL DANGERS: On combustion, forms corrosive gas (hydrogen chloride). Upon heating, toxic fumes are formed. Reacts violently with strong oxidants.</p> <p>OCCUPATIONAL EXPOSURE LIMITS (OELs): TLV not established.</p>	<p>ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation of its aerosol, through the skin and by ingestion.</p> <p>INHALATION RISK: No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20°C.</p> <p>EFFECTS OF SHORT-TERM EXPOSURE: Corrosive. The substance is corrosive to the eyes, the skin and the respiratory tract. Exposure to high level may result in death.</p>
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PHYSICAL PROPERTIES	Boiling point: 210.0°C Melting point: 45.0°C Solubility in water, g/100 ml at 20°C: 0.5 Vapour pressure, kPa at 53°C: 133	Relative vapour density (air = 1): 5.6 Flash point: 114°C o.c. Octanol/water partition coefficient as log Pow: 3.06
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ENVIRONMENTAL DATA	The substance is toxic to aquatic organisms.
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NOTES

Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken.

Transport Emergency Card: TEC (R)-804/61G12c
NFPA Code: H; F1; R0;

ADDITIONAL INFORMATION

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