

CHLORANIL0780
April 1997CAS No: 118-75-2
RTECS No: DK6825000
EC No: 602-066-00-12,3,5,6-Tetrachloro-p-benzoquinone
2,3,5,6-Tetrachloro-2,5-cyclohexadiene-1,4-dione
Tetrachloro-p-benzoquinone
Tetrachloro-p-quinone
C₆Cl₄O₂
Molecular mass: 245.9

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible. Liquid formulations containing organic solvents may be flammable. Gives off irritating or toxic fumes (or gases) in a fire.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION			

EXPOSURE		PREVENT DISPERSION OF DUST! AVOID EXPOSURE OF ADOLESCENTS AND CHILDREN!	
Inhalation	Cough. Sore throat.	Avoid inhalation of fine dust and mist.	Fresh air, rest.
Skin	Redness.	Protective gloves.	Rinse and then wash skin with water and soap.
Eyes	Redness. Pain.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	Diarrhoea.	Do not eat, drink, or smoke during work. Wash hands before eating.	Rest. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Do NOT wash away into sewer. Do NOT let this chemical enter the environment. Sweep spilled substance into covered containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place.	Xi Symbol N Symbol R: 36/38-50/53 S: (2-)37-60-61 Do not transport with food and feedstuffs.

EMERGENCY RESPONSE	SAFE STORAGE
	Provision to contain effluent from fire extinguishing. Separated from food and feedstuffs.

IMPORTANT DATA

Physical State; Appearance

YELLOW SOLID IN VARIOUS FORMS.

Chemical dangers

The substance decomposes on heating producing toxic fumes including hydrogen chloride.

Occupational exposure limits

TLV not established.

Routes of exposure

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

Inhalation risk

Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly on spraying or when dispersed, especially if powdered.

Effects of short-term exposure

The substance is irritating to the eyes, the skin and the respiratory tract. The substance may cause effects on the central nervous system. Exposure at high level may result in unconsciousness.

PHYSICAL PROPERTIES

Melting point: 290°C

Relative density (water = 1): 2.0

Solubility in water: none

Vapour pressure, Pa at 25°C: < 0.001

Relative vapour density (air = 1): 8.5

Octanol/water partition coefficient as log Pow: 3-4.9

ENVIRONMENTAL DATA

This substance may be hazardous to the environment; special attention should be given to fish. Avoid release to the environment in circumstances different to normal use.

NOTES

If the substance is formulated with solvent(s) also consult the card(s) (ICSC) of the solvent(s).

Carrier solvents used in commercial formulations may change physical and toxicological properties.

Conversan, Dow Seed Disinfectant n! 5, Psorisan, Reranil, Spergon, Vulklor are trade names.

Card has been partly updated in October 2004. See sections Occupational Exposure Limits, EU classification, Emergency Response.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible