

CAS No: 116-29-0  
RTECS No: WR5850000  
UN No:  
EC No:

4-Chlorophenyl 2,4,5-trichlorophenyl sulfone  
1,2,4-Trichloro-5-((4-chlorophenyl)sulfonyl)-benzene  
2,4,4',5-Tetrachlorodiphenyl sulfone  
 $C_{12}H_6Cl_4O_2S / (C_6H_2Cl_3)OSO(C_6H_4Cl)$   
Molecular mass: 356

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Liquid formulations containing organic solvents may be flammable. Gives off irritating or toxic fumes (or gases) in a fire.		Alcohol-resistant foam, powder, carbon dioxide.
<b>EXPLOSION</b>	Risk of fire and explosion if formulations contain flammable/explosive solvents.		

EXPOSURE		PREVENT DISPERSION OF DUST!	
<b>Inhalation</b>		Ventilation.	
<b>Skin</b>		Protective gloves.	Rinse skin with plenty of water or shower.
<b>Eyes</b>	Redness.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work. Wash hands before eating.	Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Do NOT wash away into sewer. Sweep spilled substance into covered containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place.	Symbol R: S: UN Hazard Class:  Do not transport with food and feedstuffs.

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

**IMPORTANT DATA****Physical State; Appearance**

COLOURLESS CRYSTALS.

**Chemical Dangers**

The substance decomposes on heating and on burning producing toxic fumes including sulfur oxides, hydrogen chloride.

**Occupational Exposure Limits**

TLV not established.

**Routes of Exposure**

The substance can be absorbed into the body by inhalation of dust.

**Inhalation Risk**

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

**Effects of Long-term or Repeated Exposure**

The substance may have effects on the kidneys and liver.

**PHYSICAL PROPERTIES**

Melting point: 148-149°C

Relative density (water = 1): 1.5

Solubility in water, g/100 ml at 20°C: none

Vapour pressure, Pa at 20°C: 0.001

Octanol/water partition coefficient as log Pow: 4.6

**ENVIRONMENTAL DATA**

The substance is very toxic to aquatic organisms. 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. Acaroil TD, Acarvin, Agrex T-7.5, Akaritox, Aracnol K, Aredion, Mitifon, Mition, Polacaritox, Roztoczol, Roztozol, Tedion V-18, Tetradichlone, Tetranol V18 are trade names.

**ADDITIONAL INFORMATION****LEGAL NOTICE**

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