

# 2-CHLORO-6-TRICHLOROMETHYLPYRIDINE

1658  
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CAS No: 1929-82-4  
RTECS No: US7525000  
UN No: 3077  
EC No: 006-057-00-8

Nitrapyrin  
alpha,alpha,alpha,6-Tetrachloro-2-picoline  
2-Chloro-6-(trichloromethyl)pyridine  
C<sub>6</sub>H<sub>3</sub>Cl<sub>4</sub>N  
Molecular mass: 230.9

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.	Dry powder, carbon dioxide, water spray, foam.
<b>EXPLOSION</b>			
<b>EXPOSURE</b>		<b>PREVENT DISPERSION OF DUST!</b>	
<b>Inhalation</b>	Cough.	Local exhaust or breathing protection.	Fresh air, rest.
<b>Skin</b>		Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
<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.	Rinse mouth. Refer for medical attention.

## SPILLAGE DISPOSAL

Personal protection: particulate filter adapted to the airborne concentration of the substance. Sweep spilled substance into plastic containers. Moisten the remainder. Do NOT let this chemical enter the environment.

## PACKAGING & LABELLING

**EU classification**  
Xn Symbol  
N Symbol  
R: 22-51/53  
S: (2-)24-61  
**UN classification**  
UN Hazard Class: 9  
UN Pack Group: III  
**GHS classification**  
Signal: Danger  
Skull  
Harmful if swallowed  
Toxic in contact with skin  
Toxic to aquatic life

## EMERGENCY RESPONSE

Transport Emergency Card: TEC (R)-90GM7-III

## SAFE STORAGE

Provision to contain effluent from fire extinguishing. Separated from aluminium and magnesium. Store in an area without drain or sewer access.

**IPCS**

International  
Programme on  
Chemical Safety



Prepared in the context of cooperation between the International Programme on Chemical Safety and the European Commission ©  
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SEE IMPORTANT INFORMATION ON THE BACK.

### IMPORTANT DATA

**Physical State; Appearance**

COLOURLESS TO WHITE CRYSTALS, WITH CHARACTERISTIC ODOUR.

**Chemical dangers**

The substance decomposes on heating producing toxic fumes including chlorine and nitrogen oxides. Reacts with aluminium and magnesium.

**Occupational exposure limits**

TLV: 10 mg/m<sup>3</sup> as TWA 20 mg/m<sup>3</sup> as STEL (ACGIH 2006).  
MAK not established.

**Routes of exposure**

The substance can be absorbed into the body in hazardous amounts through the skin and by ingestion. The substance can be absorbed into the body by inhalation.

**Inhalation risk**

A harmful contamination of the air will not or will only very slowly be reached on evaporation of this substance at 20/C.

**Effects of short-term exposure**

See Notes.

### PHYSICAL PROPERTIES

Boiling point at 1.5kPa: 136/C  
Melting point: 63/C  
Solubility in water: none  
Vapour pressure, Pa at 23/C: 0.4

Relative density of the vapour/air-mixture at 20/C (air = 1): 1.0  
Flash point: 100/C c.c.  
Octanol/water partition coefficient as log Pow: 3.4

### ENVIRONMENTAL DATA

The substance is toxic to aquatic organisms. This substance does enter the environment under normal use. Great care, however, should be given to avoid any additional release, e.g. through inappropriate disposal.

### NOTES

Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken.  
N-Serve, Dowco-163 are trade names.

### 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