

CAS No: 99-30-9

RTECS No: BX2975000

UN No:

EC No:

2,6-Dichloro-4-nitroaniline

2,6-Dichloro-4-nitrobenzenamine

DCNA

 $C_6H_4Cl_2N_2O_2 / C_6H_2Cl_2(NO_2)(NH_2)$ 

Molecular mass: 207.0

| 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.  | Powder, water spray, foam, carbon dioxide. |
| <b>EXPLOSION</b>          | Finely dispersed particles form explosive mixtures in air.             | Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting. |  |

| EXPOSURE          |                     | PREVENT DISPERSION OF DUST!<br>AVOID EXPOSURE OF<br>ADOLESCENTS AND CHILDREN! |   |
|-------------------|---------------------|---|---|
| <b>Inhalation</b> | Cough. Sore throat. | Local exhaust or breathing protection.  | Fresh air, rest.  |
| <b>Skin</b>       | Redness.            | Protective gloves.  | Remove contaminated clothes. Rinse and then wash skin with water and soap.  |
| <b>Eyes</b>       | Redness. Pain.      | Safety goggles.   | 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.            | Rinse mouth.  |

| SPILLAGE DISPOSAL   | PACKAGING & LABELLING |
|---|-----------------------|
| Do NOT wash away into sewer. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place (extra personal protection: P2 filter respirator for harmful particles). | Symbol<br>R:<br>S:    |

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

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

ODOURLESS, YELLOW CRYSTALS

**Physical Dangers**

Dust explosion possible if in powder or granular form, mixed with air.

**Chemical Dangers**

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

**Occupational Exposure Limits**

TLV not established. MAK not established.

**Routes of Exposure**

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

**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.

**Effects of Short-term Exposure**

The substance irritates the eyes, the skin and the respiratory tract.

**PHYSICAL PROPERTIES**

Boiling point at 0.27kPa: 130°C

Melting point: 195°C

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

Vapour pressure, Pa at 20°C: 0.00016

Octanol/water partition coefficient as log Pow: 1.80

**ENVIRONMENTAL DATA**

This substance may be hazardous to the environment; special attention should be given to crustacea and fish.

**NOTES**

Allisan, Botran, Ditranyl 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