

CAS No: 84-15-1
RTECS No: WZ64720001,2-Diphenylbenzene
o-Diphenylbenzene
C₁₈H₁₄
Molecular mass: 230.31

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Water spray, dry powder, carbon dioxide.
EXPLOSION			
EXPOSURE			
Inhalation	Cough. Sore throat.	Local exhaust or breathing protection.	Fresh air, rest. Refer for medical attention.
Skin		Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes	Redness. Pain.	Safety goggles, 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	Diarrhoea. Nausea. Vomiting.	Do not eat, drink, or smoke during work.	Rinse mouth. Give plenty of water to drink. Refer for medical attention.

SPILLAGE DISPOSAL

Vacuum spilled material OR sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place. Do NOT let this chemical enter the environment. Personal protection: P2 filter respirator for harmful particles.

PACKAGING & LABELLING**EMERGENCY RESPONSE**

NFPA Code: H0; F1; R0

STORAGE

IMPORTANT DATA**Physical State; Appearance**

COLOURLESS TO LIGHT-YELLOW CRYSTALS

Chemical dangers

On combustion, forms toxic fumes including carbon monoxide.

Occupational exposure limitsTLV: (as terphenyls) 5 mg/m³; (Ceiling value); (ACGIH 2004).

MAK not established.

Routes of exposure

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

Inhalation risk

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

Effects of short-term exposure

The substance is irritating to the eyes and the respiratory tract.

PHYSICAL PROPERTIES

Boiling point: 332/C

Melting point: 56.2/C

Relative density (water = 1): 1.1

Solubility in water: none

Vapour pressure, Pa at 25/C: 0.0033

Relative vapour density (air = 1): 7.9

Relative density of the vapour/air-mixture at 20/C (air = 1): <0.9

Flash point: 163/C o.c.

Octanol/water partition coefficient as log Pow: 5.5

ENVIRONMENTAL DATA

Bioaccumulation of this chemical may occur in fish.

NOTES

The occupational exposure limit value should not be exceeded during any part of the working exposure.

ADDITIONAL INFORMATION**LEGAL NOTICE**

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