

DODECYLBENZENE**0265**

October 2002

CAS No: 123-01-3
RTECS No: CZ95400001-Phenyldodecane
Laurylbenzene
 $C_{18}H_{30} / C_6H_5(CH_2)_{11}CH_3$
Molecular mass: 246.4

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION			

EXPOSURE			
Inhalation	Cough. Sore throat.	Ventilation.	Fresh air, rest.
Skin	Redness.	Protective gloves.	Remove contaminated clothes. Rinse and then wash skin with water and soap.
Eyes	Redness.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	Nausea.	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Give plenty of water to drink.

SPILLAGE DISPOSAL

Collect leaking and spilled liquid in sealable metal containers as far as possible. Absorb remaining liquid in sand or inert absorbent and remove to safe place. (Extra personal protection: filter respirator for organic gases and vapours.)

PACKAGING & LABELLING**EMERGENCY RESPONSE**

NFPA Code: H 1; F 1; R 0

STORAGE

IMPORTANT DATA

Physical State; Appearance
COLOURLESS LIQUID.

Occupational exposure limits
TLV not established.

Routes of exposure

The substance can be absorbed into the body 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 is irritating to the eyes and the skin.

PHYSICAL PROPERTIES

Boiling point: (see Notes) 290-410°C

Melting point: 3°C

Relative density (water = 1): 0.86

Solubility in water: none

Vapour pressure, Pa at 20°C: <10

Relative density of the vapour/air-mixture at 20°C (air = 1): 1.0

Flash point: 140.6°C

ENVIRONMENTAL DATA

NOTES

The technical product consists of a mixture of isomers; the boiling point and other physical properties will vary depending on composition.

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