

METHYL BENZOATE**1187**

October 1997

CAS No: 93-58-3

RTECS No: DH3850000

UN No:

EC No:

Methyl-benzenecarboxylate

Niobe oil

 $C_8H_8O_2 / C_6H_5COOCH_3$

Molecular mass: 136.1

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Foam, powder, carbon dioxide.
EXPLOSION	Above 83°C explosive vapour/air mixtures may be formed.	Above 83°C use a closed system, ventilation.	

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

SPILLAGE DISPOSAL

Collect leaking and spilled liquid in sealable 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

Symbol
R:
S:
UN Hazard Class:
UN Pack Group:

EMERGENCY RESPONSE

NFPA Code: H 0; F 2; R 0;

STORAGE

IMPORTANT DATA

Physical State; Appearance

COLOURLESS, OILY LIQUID, WITH CHARACTERISTIC ODOUR.

Physical Dangers

The vapour is heavier than air.

Occupational Exposure Limits

TLV not established.

Routes of Exposure

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

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

Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. See Notes.

PHYSICAL PROPERTIES

Boiling point: 198-200°C
 Melting point: -12°C
 Relative density (water = 1): 1.09
 Solubility in water: none

Vapour pressure, Pa at 39°C: 133
 Relative vapour density (air = 1): 4.7
 Flash point: 83°C c.c.
 Octanol/water partition coefficient as log Pow: 2.12

ENVIRONMENTAL DATA

NOTES

Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken.

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