

1-TETRADECENE

1566

October 2004

CAS No: 1120-36-1

RTECS No:

Tetradec-1-ene

alpha-Tetradecene

 $C_{14}H_{28}$ / $CH_3(CH_2)_{11}CH=CH_2$

Molecular mass: 196.4

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Dry powder, dry sand, carbon dioxide.
EXPLOSION			
EXPOSURE			
Inhalation		Ventilation.	Fresh air, rest.
Skin	Dry skin.	Protective gloves.	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.

SPILLAGE DISPOSAL

Collect leaking liquid in covered containers. Do NOT let this chemical enter the environment.

PACKAGING & LABELLING**EMERGENCY RESPONSE****SAFE STORAGE**

Separated from strong oxidants.

IPCSInternational
Programme on
Chemical SafetyPrepared in the context of cooperation between the International
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SEE IMPORTANT INFORMATION ON THE BACK.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS LIQUID

Chemical dangers

Reacts with strong oxidants. Attacks rubber, paints and lining materials.

Occupational exposure limits

TLV not established.

MAK not established.

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; on spraying or dispersing, however, much faster.

Effects of short-term exposure

If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis.

Effects of long-term or repeated exposure

The liquid defats the skin.

PHYSICAL PROPERTIES

Boiling point: 252/C

Melting point: -12/C

Relative density (water = 1): 0.8

Solubility in water: none

Vapour pressure, Pa at 25/C: 2

Relative vapour density (air = 1): 6.78

Flash point: 107/C c.c.

Auto-ignition temperature: 239/C

Explosive limits, vol% in air: 0.3-4.3

Octanol/water partition coefficient as log Pow: 7.08

ENVIRONMENTAL DATA

Bioaccumulation of this chemical may occur in aquatic organisms.

NOTES

ADDITIONAL INFORMATION

LEGAL NOTICE

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