

PHENETHYL ALCOHOL**0936**

April 1997

CAS No: 60-12-8
RTECS No: SG7175000
UN No:
EC No:

2-Phenylethane-1-ol
 Benzeneethanol
 Phenylethyl alcohol
 $C_8H_{10}O$ / $C_6H_5CH_2CH_2OH$
 Molecular mass: 122.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, alcohol-resistant foam, water spray, carbon dioxide.
EXPLOSION			

EXPOSURE		PREVENT GENERATION OF MISTS! STRICT HYGIENE! AVOID EXPOSURE OF (PREGNANT) WOMEN!	
Inhalation	Cough. Laboured breathing. Shortness of breath. Sore throat.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
Skin	Redness.	Protective gloves. Protective clothing.	Rinse skin with plenty of water or shower. Refer for medical attention.
Eyes	Redness. Pain.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	Abdominal pain. Burning sensation.	Do not eat, drink, or smoke during work.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL

Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place (extra personal protection: self-contained breathing apparatus).

PACKAGING & LABELLING

Symbol
 R:
 S:

EMERGENCY RESPONSE

NFPA Code: H1; F1; R0;

STORAGE

Separated from strong oxidants, strong acids. Well closed. Keep in a well-ventilated room.

IPCS

International
 Programme on
 Chemical Safety



Prepared in the context of cooperation between the International Programme on Chemical Safety and the European Commission
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SEE IMPORTANT INFORMATION ON THE BACK.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS LIQUID, WITH CHARACTERISTIC ODOUR.

Chemical Dangers

The substance decomposes on heating producing acrid smoke and irritating fumes. Reacts with strong oxidants, strong acids.

Occupational Exposure Limits

TLV not established. MAK not established.

Routes of Exposure

The substance can be absorbed into the body by inhalation of its vapour, by inhalation of its aerosol, through the skin 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. The substance may cause effects on the central nervous system.

Effects of Long-term or Repeated Exposure

Animal tests show that this substance possibly causes toxic effects upon human reproduction.

PHYSICAL PROPERTIES

Boiling point: 219°C
 Melting point: -27°C
 Relative density (water = 1): 1.02
 Solubility in water: poor

Vapour pressure, Pa at 20°C: 8
 Relative vapour density (air = 1): 4.2
 Flash point: 102°C
 Octanol/water partition coefficient as log Pow: 1.4

ENVIRONMENTAL DATA

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 for the use which might be made of this information