

CAS No: 111-87-5
RTECS No: RH6550000n-Caprylic alcohol
n-Octanol
Heptyl carbinol
1-Hydroxyoctane
n-Octyl alcohol
 $C_8H_{18}O / CH_3(CH_2)_6CH_2OH$
Molecular mass: 130.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Alcohol-resistant foam, dry powder, carbon dioxide.
EXPLOSION	Above 81°C explosive vapour/air mixtures may be formed.	Above 81°C use a closed system, ventilation.	In case of fire: keep drums, etc., cool by spraying with water.

EXPOSURE			
Inhalation	Cough. Sore throat.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest.
Skin	Dry skin.	Protective gloves.	Rinse and then wash skin with water and soap.
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	Burning sensation.	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Give plenty of water to drink.

SPILLAGE DISPOSAL

Collect leaking liquid in covered containers. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT let this chemical enter the environment. (Extra personal protection: filter respirator for organic gases and vapours.)

PACKAGING & LABELLING**EMERGENCY RESPONSE**

NFPA Code: H1; F2; R0

STORAGE

Separated from strong oxidants.

IMPORTANT DATA**Physical State; Appearance**

COLOURLESS LIQUID, WITH CHARACTERISTIC ODOUR.

Chemical dangers

Reacts with strong oxidants.

Occupational exposure limits

TLV not established.

Routes of exposure

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

Inhalation risk

A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C.

Effects of short-term exposure

The substance is irritating to the eyes, the respiratory tract and is mildly irritating to the skin. 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: 194-195°C

Melting point: -15.5°C

Relative density (water = 1): 0.83

Solubility in water: very poor (0.30 mg/l) at 20 °C

Vapour pressure, Pa at 8.7°C: 20

Relative vapour density (air = 1): 4.5

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

Flash point: 81°C c.c.

Auto-ignition temperature: 253°C

Explosive limits, vol% in air: 0.2-30

Octanol/water partition coefficient as log Pow: 3.0

ENVIRONMENTAL DATA

The substance is harmful to aquatic organisms. Do not to let this chemical enter the environment.

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