

# n-Hexane

Grade :Extra pure

$C_6H_{14}$

M=86.18 g/mol

1L=0.66 kg

## Specification

Assay (GC).....  $\geq 95\%$   
Identity (IR)..... conforms  
Free acid (as acetic acid).....  $\leq 0.05\%$   
Density (d 20°C/4°C)..... 0.659-0.662  
Matter discoloured by sulphuric acid..... conforms  
Water.....  $\leq 0.02\%$   
Melting point.....  $-94.3^\circ C$   
Boiling point .....  $69^\circ C$

## Technical data

- CAS-No.110-54-3
- EC -No.203-777-6
- Vapour pressure 160 hpa(20°C)
- Spec. density 0.66 g/cm<sup>3</sup>(20°C)
- Explosive limit 1.0-8.1 Vol %
- Flash point - 22°C c.c
- Solub. in H<sub>2</sub>O 0.0095 g/l(20°C)
- Kin.viscosity 0.50(20°C)
- Ignition temp . 240°C
- R 11-38-48/20-51/53-62-65-67
- S 9-16-29-33-36/37-61-62
- RTECS MN9275000
- Poison class(CH)4
- WGK1
- LD 50 oral rat 28710 mg/kg
- LD 50 dermal rabbit >2000 mg/kg
- EC-Index-No.601-037-00-0
- HS-No.2901 10 00
- LGK 3A
- Pack-cat. A
- Disposal 1
- Road/Rail 3/F 11
- IMDG-Code 3/ II UN 1208
- IATA-DGR UN 1208 CAO 307 PAX 305
- Merck BG Chemie Nr.M017,M050,M004

## Symbol



## Packaging

### Glass Bottles

1 Liter  
2.5 Liter

### Plastic Bottles

### Plastic Gallon

5 Liter  
10 Liter  
20 Liter

Bulk  
Inquire

## Guidelines of usage & storage

- Always keep the door tightly closed.
- Highly flammable
- Irritating to skin
- Harmful :danger of serious damage to health by prolonged exposure through inhalation
- Toxic to aquatic organisms, may cause Long-term adverse effects in the aquatic environment.
- Possible risk of impaired fertility.
- Harmful: May cause Lung damage if swallowed.
- Vapours may cause drowsiness and dizziness.
- Keep container in a well-ventilated place.
- Keep away from sources of ignition-No smoking.
- Do not empty into drains.
- Take precautionary measures against static discharges.
- Wear suitable protective clothing and gloves.
- Keep away from food and drink.
- Keep out of reach of children.
- Avoid release to the environment.
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.