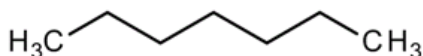


HEPTANE Extra Pure

Fraction from petroleum

Article No.	00157	Grade	Extra Pure
Purity	99%	CAS No.	142-82-5
Molecular Formula	C ₇ H ₁₆	Molecular Weight	100.21
H.S. Code	2901.2990	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
Odour	mild odor - gasoline-like	Melting point/ Freezing point [°C]	-91 °C
Auto-ignition temperature [°C]	223 °C	Flammability (solid, gas)	Flammable
Flash point [°C]	-4,0 °C	Boiling point [°C]	98 °C
Evaporation rate	2.8	Vapour pressure [20°C]	53.3 hPa at 20,0 °C
Vapour pressure mm/Hg	46 mm Hg @ 25 deg C	Vapour density	3.5
Density [g/cm³]	0.68	Solubility in water [% weight]	Insoluble in water
Partition coefficient Log Pow	>3	Explosion limits - upper [%]	7%
octanol / water at 20°C			
Explosion limits -lower [%]	1.10%		

Packings:

- 1) in 137kg drums, 160 drums/40"GP, 80 drums/20" GP
- 2) in Isotank, 16MT/Isotank

Specifications

Appearance	A clear colorless liquid
Assay	Min 85%
Weight/ mL at 20°C	0.683 - 0.693 g
Aromatic hydrocarbons (as C₆H₆)	Max 1% v/v

Safety Information

Symbol: GHS02, GHS07, GHS08, GHS09
Signal Word: Danger
UN No.: 1206
IMCO Class No.: 3
Packing Group: II
Hazardous Statement: H225-H304-H315-H336-H410
Precaution Statement: P210-P261-P273-P301 + P310-P331-P501

Hazard Symbols

