



TECHNICAL DATA SHEET

N-HEXANE 99% AR

Hexane; Hexyl Hydride;

Article No.	208122500	Molecular Formula	C ₆ H ₁₄
H.S. Code	2901.1000	Molecular Weight	86.18
CAS No.	110-54-3		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Gasoline-like
Melting point [°C]	-95 °C
Auto-ignition temperature [°C]	225 °C
Flammability (solid, gas)	Flammable
Flash point [°C]	-23 °C
Boiling point [°C]	68 - 70 °C
Initial boiling point [°C]	68°C
Final boiling point [°C]	70 °C
Vapour pressure mm/Hg	151 mm Hg @ 25 deg C
Vapour density	2.97
Density [g/cm ³]	0.678
Solubility in water [% weight]	Insoluble in water
Viscosity at 40°C [mm ² /s]	0.31 mPas 20 deg C
Explosion limits - upper [%]	7.50%
Explosion limits -lower [%]	1.10%

Specifications

Assay (CPG) Min 99 %

Water Max 0.01 %

Residue on Evaporation Max 0.001 %

Total sulphur (S) Max 0.0005 %

Aromatic compounds Max 0.001 %

Refractive index at 20°C 1.373 ÷ 1.377

Colour APHA Max 10
Description Clear colourless

Safety Information and Hazard Symbols



Symbol	GHS02, GHS07, GHS08, GHS09
Signal Word	Danger
UN No	1208
IMCO Class No.	3
Hazardous Statement	H225-H315-H361f-H336 H373-H304-H411
Precaution Statement	P210-P260-P301-P310a- P303-P361-P353-P405 -P501a
Packing Group	II