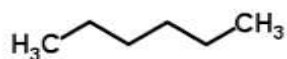


TIQ-F-QC-003
Rev.00

Technical Data Sheet

N-HEXANE 99 % For SYNTHESIS

Normal Hexane, Sextane



Product Code	B-3058	Grade	For Synthesis
Purity	99 %	CAS No	110-54-3
Molecular Formula	C ₆ H ₁₄	Molecular Weight	86.18 g/mol
H.S.Code	2901.2990	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colourless
Odour	Hydrocarbon-like	Melting Point/ Freezing point (°C)	-95 °C
Evaporation rate	15,8	Vapour pressure	175,98 hPa at 20,0 °C
Boiling Point	69 °C	Density (g/cm ³)	0,659 g/mL at 25 °C
Partition coefficient: noctanol/water	log Pow: ca.4 at 20 °C	Viscosity at 40°C (mm ² /s)	0.3 mPas 20°C
Flash point	-22 °C	Explosion limits – upper (%)	8,1%
Solubility in water (% weight)	0,01 g/l at 25 °C - slightly soluble	Explosion limits-lower (%)	1,0 %
Auto-ignition temperature (°C)	225°C		

Packaging

500 ml

Specification

Appearance	Clear colorless liquid
Assay (by GC)	min 99.0 %
Wt. Per ml at 20 °C	0.658 – 0.659 g/cm ³
Colour	max 10 Hazen
Refractive index (n _D ²⁰)	1.374 – 1.376
Non-volatile matter	max 0.002 %

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07, GHS08, GHS09

Signal Word: Danger

UN No.: 1208

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H304-H315-H336-H361f-H373-H411

Precaution Statement: P210-P261-P273-P281-P301 + P310-P331