

**PRODUCT CODE: 142062****n-Heptane pure**

 C_7H_{16} C_7H_{16} 

M.= 100,21

CAS [142-82-5]

EINECS 205-563-8

TARIC 2901 10 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Immiscible with water. • D 20/4 0,6837 • M.P.: -90,6 °C • B.P.: 98,4 °C • n₂₀/D : 1,3878 • Flash P.: -4 °C • Vap. press. (20 °C) 48 hPa • Viscosity 25 °C 0,4 mPa.s • Dielec. constant 20 °C 1,9 • Heat evap. 98 °C 373 KJ/Kg • Satur. conc. 20 °C 196 g/m³ • Expl. limit 1,1 %(V) 6,7 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 4.694 13, 4.679 Sax **HBC500** • Safety **2**, **1821 C** • Kühn-Birett **H 1** • Ullmann **(5.)13**, 231 • Beilstein **1**, **154 I**, **56 II**, **114 III**, **415 IV**, **376** • BRN 1730763 •

HAZARDOUS: C.E: 601-008-00-2 • RTECS: MI 7700000 • LD50 oral rat >2.000 mg/kg • LD50 skn rbt 3.400 mg/kg • VLA-ED 500 ppm 2.085 mg/m³ Factor for short-term value (Germany) 8



H: H225 • H315 • H304 • H336 • H410 •

P: P210 • P240 • P273 • P301+P310 • P331 • P501 • P403+P235 •

TRANSPORT REGULATIONS: UN: 1206 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~0,684 kg 1kg~1,462 l

SPECIFICATIONS:

Assay (G.C.)

99%

Identity :		
Identity	IR passes test	
Density at 20/4	0,683-0,685	
Acidity	0,001 meq/g	
Non-volatile matter	0,005 %	
Sulfur compounds (as S)	0,01 %	
Water (H2O)	0,02 %	
Cu	0,00002	%
Fe	0,00005	%
Ni	0,00002	%
Pb	0,00002	%

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