

**PRODUCT CODE: 162062**

**n-Heptane, 99% for synthesis**

C<sub>7</sub>H<sub>16</sub>

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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  
• n<sub>20</sub>/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/m<sup>3</sup> • 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/m<sup>3</sup> 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:**

Minimum assay (G.C.)

99%

Identity :

Identity

IR passes test

Density at 20/4

0,683-0,685

Non-volatile matter

0,001 %

Water (H<sub>2</sub>O)

0,01 %