

**PRODUCT CODE: 322062****n-Heptane for pesticide analysis**

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 $C_7H_{16}$  $C_7H_{16}$ 

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 • n<sub>20/D</sub> : 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.)

98 %

Identity :	
Identity	IR passes test
Density at 20/4	0,683 - 0,685

**Maximum limit of impurities**

Acidity	0,0005 meq/g
Alkalinity	0,0005 meq/g
Non-volatile matter	0,0005 %
Water (H2O)	0,01 %
Signal ECD of pesticide (Lindane a DDT) (as Lindane)	5 ng/l

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