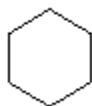


PRODUCT CODE: 321250

Cyclohexane for pesticide analysis

C₆H₁₂

C₆H₁₂



M.= 84,16

CAS [110-82-7]

EINECS 203-806-2

TARIC 2902 11 00 00

SYNONYMS: Hexahydrobenzene, Hexamethylene, Hexanaphtene

PHYSICAL DATA: liquid, Clear, Colourless, D 20/4 0,7781 • M.P.: 6,47 °C • B.P.: 80,7 °C • n₂₀/D : 1,4266 • Flash P.: -18 °C • Ign. T.:260 °C • Vap. press. (20 °C) 104 hPa • Viscosity 20 °C 0,94 mPa.s • Dielec. constant 20 °C 2 • Heat evap. 81 °C 389 KJ/Kg • Satur. conc. 20 °C 357 g/m³ • Expl. limit 1,2 %(V) 8,3 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 2.792 13, 2.752 Sax **CPB000** • Safety **2**, **959 D** • Kühn-Birett **C 34** • Ullmann **(5.)8**, 209 • Beilstein **5**, **20 I**, **6 II**, **6 III**, **18 IV**, **27** • BRN 1900225 • ACS **XI** • ISO 6353/2-1983 R - 10, 13 •

HAZARDOUS: C.E: 601-017-00-1 • RTECS: GU 6300000 • LD₅₀ oral rat 12.705 mg/kg • LC₅₀ rat 32880 mg/m³ / 4h • LD₅₀ skn rbt >2.000 mg/kg • VLA-ED 200 ppm/700 mg/m³



H: H225 • H315 • H304 • H336 • H410 •

P: P210 • P243 • P280 • P301+P310 • P331 • P303+P361+P353 • P332+P313 • P273 • P391 • P501 •

TRANSPORT REGULATIONS: UN: 1145 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l-0,778 kg 1kg-1,285 l

SPECIFICATIONS:

Minimum assay (G.C.)

99,8%

Identity :

Identity

IR passes test

Density at 20/4

0,776-0,780

Maximum limit of impurities

APHA colour	10
Acidity	0,0003 meq/g
Non-volatile matter	0,0005 %
Water (H ₂ O)	0,01 %
Signal ECD of pesticide (Lindane a DDT) (as Lindane)	5 ng/l
Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol)	passes test