



PRODUCT CODE: 323242

n-Hexane 95% for pesticide analysis

C₆H₁₄

C₆H₁₄



M.= 86,18

CAS [110-54-3]

EINECS 203-777-6

TARIC 2901 10 00 00

Hydrocarbons mixture, mainly n-hexane. Isomer content aprox. 4% (2- and 3-methylpentanes and methylcyclohexane) .

PHYSICAL DATA: liquid, Clear, Colourless, Inmiscible with water. • D 20/4 0,6603 • M.P.: -95 °C • B.P.: 69 °C • n_{20/D} : 1,3751 • Flash P.: -22 °C • Ign. T.:240 °C • Vap. press. (20 °C) 160 hPa • Viscosity 25 °C 0,31 mPa.s • Dielec. constant 20 °C 1,8 • Heat evap. 69 °C 205 KJ/Kg • Satur. conc. 20 °C 563 g/m³ • Expl. limit 1,1 %(V) 7,4 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 4.729 13, 4.712 Sax **HEN000** • Safety **2** , **1859 A** • Kühn-Birett **H 6** • Ullmann **(5.)13** , 237 • Beilstein **1** , **142 I** , **51 II** , **105 III** , **374 IV** , **338** • BRN 1730733 • ACS **XI** • DIN 38414-17 Determination of the organically bound halogens amenable to extraction (EOX) • UNE-EN ISO 9377-2 Determination of hydrocarbons oil index

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HAZARDOUS: C.E: 601-037-00-0 • RTECS: MN 9275000 • LD50 oral rat 25.000 mg/kg • LC50 rat 171,6 mg/l / 4h • LD50 skn rbt >2.000 mg/kg • ECLTV 20 ppm72 mg/m³ VLA-ED (Spain) 20 ppm72 mg/m³ VLA-ED (Germany) 50 ppm180 mg/m³ Factor for short-term value (Germany) 8



H: H225 • H315 • H373 • H361f • H304 • H336 • H411 •

P: P210 • P240 • P273 • P301+P310 • P302+P352 • P501 • P403+P235 •

TRANSPORT REGULATIONS: UN: 1208 • ADR: 3(CONT. MARINO)/II • IMDG: 3(CONT. MARINO)/II • IATA: 3(CONT. MARINO)/II • PAX: 353 • CAO: 364 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l-0,663 kg 1kg-1,508 l

SPECIFICATIONS:

Minimum assay (as isomers) (G.C.)	98,5%
Minimum assay (en n-Hexane) (G.C.)	95,0%
Identity :	
Identity	IR passes test

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