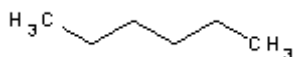


**PRODUCT CODE: 133242****n-Hexane 95% for analysis, ACS**C₆H₁₄C₆H₁₄

M.= 86,18

CAS [110-54-3]

EINECS 203-777-6

TARIC 2901 10 00 00

Hydrocarbons mixture, mainly n-hexane. Isomer content approx. 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** •

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 • ECTLV 20 ppm/72 mg/m³ VLA-ED (Spain) 20 ppm/72 mg/m³ VLA-ED (Germany) 50 ppm/180 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/II • IMDG: 3/II • IATA: 3/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	0,001 %
Darkened substances by H2SO4	passes test
Sulfur compounds (as S)	0,005 %
Aromatic hydrocarbons (C6H6) (U.V.)	0,01%
Thiophene (C4H4S)	passes test
Water (H2O)	0,01 %

Metals by ICP [in mg/Kg (ppm)]

Ag	0,05
Al	0,5
As	0,5
Au	0,1
B	0,02
Ba	0,1
Be	0,02
Bi	0,05
Ca	0,5
Cd	0,05
Co	0,02
Cr	0,02
Cu	0,02
Fe	0,1
Ga	0,02
Ge	0,05
Hg	0,05
In	0,05
K	0,1
Li	0,05
Mg	0,1
Mn	0,02
Mo	0,02
Na	0,5
Ni	0,02
P	0,2
Pb	0,1
Pt	0,1
S	0,2
Sb	0,02
Si	0,2
Sn	0,1
Sr	0,2
Ti	0,02
Tl	0,02
V	0,02
Zn	0,1
Zr	0,02

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 133242