

PRODUCT CODE: 322006

n-Pentane for pesticide analysis

C₅H₁₂

C₅H₁₂



M.= 72,15

CAS [109-66-0]

EINECS 203-692-4

TARIC 2901 10 00 00

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 0,36 g/l at 20 °C D 20/4 0,63 • M.P.: -129,7 °C • B.P.: 36,1 °C • n₂₀/D : 1,3577 • Flash P.: -40 °C • Ign. T.: 285 °C • Vap. press. (20 °C) 573 hPa • Viscosity 25 °C 0,22 mPa.s • Dielec. constant 20 °C 1,84 • Heat evap. 36 °C 383 KJ/Kg • Satur. conc. 20 °C 1698 g/m³ • Expl. limit 1,4 % (V) 7,8 % (V) •

BIBLIOGRAPHY: Merck Index **12**, 7.255 13, 7.193 Sax **PBK250** • Safety **2** , **2711 A** • Kühn-Birett **P 4** • Ullmann **(5.)13** , 232 • Beilstein **1** , **130 I** , **42 II** , **92 III** , **328 IV** , **303** • BRN 969132 •

HAZARDOUS: C.E: 601-006-00-1 • RTECS: RZ 9450000 • LC L0 mus 325mg/m³ / 2h • LC L0 rat 325g/m³ / 2h • VLA-ED 1.000 ppm 3.000 mg/m³



H: H225 • H304 • EUH066 • H336 • H411 •

P: P210 • P233 • P240 • P241 • P242 • P243 • P261 • P271 • P273 • P280 • P301+P310 • P303+P361+P353 • P304+P340 • P312 • P331 • P370+P378 • P391 • P403+P233 • P403+P235 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1265 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •
WEIGHT/VOLUME INFORMATION: 1l-0,626 kg 1kg-1,597 l

SPECIFICATIONS:

Minimum assay (G.C.)

99,0%

Identity :

Identity

IR passes test

Density at 20/4	0,624-0,628
Maximum limit of impurities	
APHA colour	10
Acidity	0,0005 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