

n-Pentane high purity

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 • n_{20/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:

| | |
|--------------------------|----------------|
| Assay (G.C.) | 95% |
| Identity : | |
| Identity | IR passes test |
| Density at 20/4 | 0,624-0,628 |
| Acidity | 0,001 meq/g |
| Non-volatile matter | 0,005 % |
| Sulfur compounds (as S) | 0,005 % |
| Isopentane (G.C.) | 1% |
| Water (H ₂ O) | 0,02 % |

