



PRODUCT CODE: 361347

Hexane, alkanes mixture for HPLC



M.= 86,18

CAS [92112-69-1]

EINECS 295-570-2

TARIC 2901 10 00 00

Hydrocarbons mixture consisting mainly in: 50% n-Hexane, 45% isomers (2- and 3-Methylpentanes and Methylcyclopentane) and variable amounts of Dimethylbutanes and Cyclohexane .

PHYSICAL DATA: liquid, Clear, Colourless, Immiscible with water. • D 20/4 0,67 • M.P.: -95 °C • B.P.: 60 - 70 °C
• Flash P.: -22 °C • Ign. T.:240 °C • Vap. press. (20 °C) 177 hPa • Expl. limit 0,6 %(V) 7,7 %(V) •

BIBLIOGRAPHY: ACS XI •

HAZARDOUS: RTECS: MN 9275000 • LD50 oral rat 28.710 mg/kg • LC L0 mus 120000mg/m3 • VLA-ED 20 ppm 72 mg/m3



H: H225 • H315 • H411 • H304 • H336 •

P: P210 • P233 • P240 • P241 • P242 • P243 • P261 • P264 • P271 • P273 • P280 • P301+P310 • P302+P352 • P303+P361+P353 • P304+P340 • P312 • P321 • P331 • P332+P313 • P362 • P370+P378 • P391 • P403+P233 • P403+P235 • P405 • P501 •

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

WEIGHT/VOLUME INFORMATION: 1l~0,67 kg 1kg~1,49 l

SPECIFICATIONS:

Minimum assay (as isomers C_6H_{14}) (G.C.)

95,0%

Maximum limit of impurities

| | |
|--------------------------------------|-------------------|
| Acidity | 0,0003 meq/g |
| Non-volatile matter | 0,0005 % |
| Water (H ₂ O) | 0,01 % |
| UV Spectrum (1cm cell; Ref.: water): | |
| Transmittance at 200 (Cut off) nm | ³ 10 % |
| Transmittance at 210 nm | ³ 40 % |
| Transmittance at 220 nm | ³ 85 % |
| Transmittance at 254-400 nm | ³ 99 % |

For critical jobs, purge with nitrogen.

Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.