



**PRODUCT CODE: 365261**

**Isohexane - Mixture of isomers for UV-HPLC**

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M.= 86,18

CAS [64742-49-0]

EINECS 265-151-9

TARIC 2710 12 25 99

**Mixture of 2-Methylpentane (aprox. 85%), 3-Methylpentane (aprox. 8%) and n-Hexane (aprox. 5%) .**

**SYNONYMS:** Methylpentane•

**PHYSICAL DATA:** liquid, Clear, Colourless, Inmiscible with water. • D 20/4 0,653 • M.P.: -153 °C • B.P.: 60 °C • n<sub>20/D</sub> : 1,371 • Flash P.: -7 °C • Vap. press. (20 °C) 133 hPa • Expl. limit 1 %(V) 7,4 %(V) •

**BIBLIOGRAPHY:** Sax **MNI**250 • Safety **2** , **2401 D** • Kühn-Birett **M** 31 • Ullmann (**5.**)13 , 230 • Beilstein **1** , **148 I** , **53 II** , **111 III** , **396 IV** , **358** • BRN 1730735 •

**HAZARDOUS:** C.E: 601-007-00-7 • RTECS: SA 2995000 •



H: H225 • H304 • H336 • H315 • H411 •

P: P210 • P240 • P241 • P243 • P242 • P501 • P280 • P301+P310 • P303+P361+P353 • P352 • P331 • P370+P378 • P304+P340 • P312 • P273 • P391 •

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

**WEIGHT/VOLUME INFORMATION:** 1l~0,651 kg      1kg~1,535 l

**SPECIFICATIONS:**

Minimum assay (as isomers C<sub>6</sub>H<sub>14</sub>) (G.C.)

95%

**Maximum limit of impurities**

Acidity or alkalinity	0,0005 meq/g
Non-volatile matter	0,0005 %
Water (KF)	0,01 %
UV Spectrum (1cm cell; Ref.: water):	
Transmittance at 210 nm	<sup>3</sup> 50 %
Transmittance at 220 nm	<sup>3</sup> 71 %
Transmittance at 230 nm	<sup>3</sup> 79 %
Transmittance at 240 nm	<sup>3</sup> 90 %

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