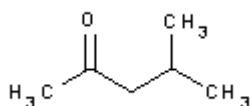


**PRODUCT CODE: 161430****4-Methyl-2-Pentanone, 99% for synthesis** $C_6H_{12}O$  $C_6H_{12}O$ 

M.= 100,16

CAS [108-10-1]

EINECS 203-550-1

TARIC 2914 13 00 00

FEMA 2731

**SYNONYMS:** Isobutylmethylketone, iso-Butylmethylketone, Isopropylacetone, iso-Propylacetone, Methyl Isobutylketone, Methyl iso-Butylketone, MIB

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in water 19 g/l at 20 °C D 20/4 0,801 • M.P.: -80 °C • B.P.: 118 °C • n<sub>20/D</sub> : 1,3959 • Flash P.:13 °C • Ign. T.:460 °C • Vap. press. (20 °C) 20 hPa • Viscosity 15 °C 0,59 mPa.s • D. M. 20 °C 13,11 Debye • Dielec. constant 20 °C 13,1 • Evap. number (DIN 53170) 10 • Heat evap. 118 °C 364 KJ/Kg • Satur. conc. 20 °C 27 g/m<sup>3</sup> • Expl. limit 1,2 % (V) 8 % (V) •

**BIBLIOGRAPHY:** Merck Index **13**, 5.227 Sax **HFG500** • Safety **2**, **2405 C** • Kühn-Birett **M** 28 • Ullmann **(4.)**14 , 198 • Beilstein **1**, **691 I**, **355 II**, **748 III**, **2832 IV**, **3305** • BRN 605399 • ACS **XI** • USP **41** • F.C.C **10 11** •

**HAZARDOUS:** C.E: 606-004-00-4 • RTECS: SA 9275000 • LD50 oral rat 2.080 mg/kg • LC50 mus 23000mg/m<sup>3</sup> • LC50 rat 8200mg/m<sup>3</sup> / 4h • VLA-EC 50 ppm 208 mg/m<sup>3</sup> VLA-ED 20 ppm 83 mg/m<sup>3</sup>



H: H225 • H332 • H319 • H335 • EUH066 •

P: P210 • P233 • P240 • P241 • P242 • P501 • P243 • P261 • P264 • P271 • P280 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P312 • P337+P313 • P370+P378 • P403+P233 • P403+P235 • P405 •

**TRANSPORT REGULATIONS:** UN: 1245 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~0,799 kg      1kg~1,252 l

**SPECIFICATIONS:**

Minimum assay (G.C.)	99%
Identity :	
Identity	IR passes test
Density at 20/4	0,798-0,802
Non-volatile matter	0,005 %
Water (H2O)	0,1 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 161430