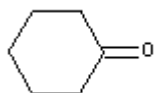


PRODUCT CODE: 161890

Cyclohexanone, 99.5% for synthesis

$C_6H_{10}O$

$CH_2(CH_2)_4CO$



M.= 98,14

CAS [108-94-1]

EINECS 203-631-1

TARIC 2914 22 00 00

SYNONYMS: Ketohexamethylene, Pimelic Ketone

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 150 g/l D 20/4 0,9478 • M.P.: -16,4 °C • B.P.: 155,6 °C
• n₂₀/D : 1,4507 • Flash P.:44 °C • Ign. T.:420 °C • Vap. press. (20 °C) 4,7 hPa • D. M. 20 °C 2,9 Debye • Dielec.
constant 25 °C 18,3 • Satur. conc. 20 °C 19 g/m³ • Expl. limit 1,2 %(V) 8,3 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 2.795 13, 2.755 Sax **CPC000** • Safety **2**, **965 A** • Kühn-Birett **C 36** • Ullmann **(5.)8**,
217 • Beilstein **7**, **8 I**, **6 II**, **5 III**, **14 IV**, **15** • BRN 385735 • Fieser **1178** • ACS **XI** •

HAZARDOUS: C.E: 606-010-00-7 • RTECS: GW 1050000 • LD L0 oral rbt 1.600 mg/kg • LD50 oral rat 1.535 mg/kg •
TC L0 man 75ppm • LC L0 mus 19200mg/m³ / 1 ½ h • LD50 skn rbt 948 mg/kg • LD50 ipr mus 1.230 mg/kg VLA-
EC 20 ppm82 mg/m³ VLA-ED 10 ppm98 mg/m³



H: H226 • H302+H312+H332 •

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

TRANSPORT REGULATIONS: UN: 1915 • ADR: 3/III • IMDG: 3/III • IATA: 3/III • PAX: 355 • CAO: 366 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~0,947 kg 1kg~1,056 l

SPECIFICATIONS:

Minimum assay (G.C.)

99,5%

Identity :

Identity
Density at 20/4
Water (H₂O)

IR passes test
0,945-0,948
0,1 %