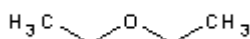
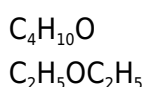


**PRODUCT CODE: 162770****Diethyl Ether, 99.7% stabilized with ~ 6 ppm of BHT for synthesis**

M.= 74,12

CAS [60-29-7]

EINECS 200-467-2

TARIC 2909 11 00 00

FEMA 3-07

**SYNONYMS:** 1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

**PHYSICAL DATA:** liquid, Clear, Colourless, Soluble in water 69 g/l at 20 °C D 20/4 0,71 • M.P.: -116 °C • B.P.: 34,6 °C • n<sub>20/D</sub> : 1,3526 • Flash P.: -40 °C • Vap. press. (20 °C) 587 hPa • Viscosity 20 °C 0,23 mPa.s • D. M. 20 °C 1,25 Debye • Dielec. constant 20 °C 4,3 • Evap. number (DIN 53170) 1 • Heat evap. 35 °C 392 KJ/Kg • Satur. conc. 20 °C 1176 g/m<sup>3</sup> • Expl. limit 1,7 % (V) 36 % (V) •

**BIBLIOGRAPHY:** Merck Index **12**, 3.852 13, 3.840 Sax **EJU000** • Safety **2** , **1549 A** • Kühn-Birett **A 19** • Beilstein **1** , **314 I** , **158 II** , **311 III** , **1289 IV** , **1314** • BRN 1696894 • ACS **XI** • ISO 6353/3-1987 R - 58 , 23 • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • Royal Decree I885 •

**HAZARDOUS:** C.E: 603-022-00-4 • RTECS: KI 5775000 • LD L0 oral man 260 mg/kg • LD50 oral rat 1.215 mg/kg • LC50 inh rat 73000 ppm / 2h • VLA-EC 200 ppm 1.540 mg/m<sup>3</sup> VLA-ED 100 ppm 1.230 mg/m<sup>3</sup>



H: H224 • H302 • H336 • EUH019 • EUH066 •

P: P210 • P261 • P301+P312 • P303+P361+P353 • P304+P340 • P312 • P243 • P233 • P264 • P270 • P271 • P280 • P240 • P241 • P242 • P501 • P330 • P370+P378 • P403+P233 • P403+P235 • P405 •

**TRANSPORT REGULATIONS:** UN: 1155 • ADR: 3/I • IMDG: 3/I • IATA: 3/I • PAX: 351 • CAO: 361 • (D/E) •**WEIGHT/VOLUME INFORMATION:** 1l~0,715 kg 1kg~1,399 l**OBSERVATIONS:** Product controlled as a drug precursor. • Storage away from direct light. • Storage between +8

and +15°C •

**SPECIFICATIONS:**

Minimum assay (G.C.)	99,7%
Identity :	
Identity	IR passes test
Density at 20/4	0,713-0,715
Non-volatile matter	0,002 %
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	0,0001 %*
Water (H <sub>2</sub> O)	0,05 %

**\* At the moment of the batch analysis.**

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 162770