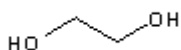
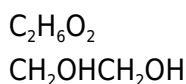


**PRODUCT CODE: 161316****Ethylene Glycol, 99% for synthesis**



M.= 62,07

CAS [107-21-1]

EINECS 203-473-3

TARIC 2905 31 00 00

SYNONYMS: 1,2-Dioxyethane, 1,2-Ethanediol, Glycol•**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 20/4 1,114 • M.P.: -12 °C • B.P.: 198 °C • n_{20/D} : 1,4318 • Flash P.:111 °C • Ign. T.:410 °C • Vap. press. (20 °C) 0,06 hPa • Dielec. constant 25 °C 37,7 • Evap. number (DIN 53170) 600 • Satur. conc. 20 °C 0,15 g/m³ • Expl. limit 3,2 % (V) 15,3 % (V) •**BIBLIOGRAPHY:** Merck Index **12**, 3.844 13, 3.832 Sax **EJC500** • Safety **2** , **1609 D** • Kühn-Birett **G 2** • Ullmann **(5.)** 10 , 101 • Beilstein **1** , **465 I** , **242 II** , **514 III** , **2052 IV** , **2369** • BRN 505945 • Fieser **1375 5296 9217 15156** •**HAZARDOUS:** C.E: 603-027-00-1 • RTECS: KW 2975000 • LD L0 oral man 398 mg/kg • LD L0 oral hmn 786 mg/kg • LD50 oral rat 4.700 mg/kg • TC L0 man 10000mg/m³ • LD50 skn rbt 9.530 mg/kg • VLA-EC 40 ppm 104 mg/m³ VLA-ED 20 ppm 52 mg/m³

H: H302 •

P: P264 • P270 • P301+P312 • P330 • P501 •

WEIGHT/VOLUME INFORMATION: 1l~1,115 kg 1kg~0,897 l**SPECIFICATIONS:**

Minimum assay (G.C.)

99%

Identity :

IR passes test

Identity

1,113-1,117

Density at 20/4

0,1 %

Water (H₂O)

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 161316