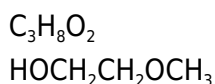


**PRODUCT CODE: 131897****Ethylene Glycol mono-Methyl Ether for analysis, ACS**



M.= 76,10

CAS [109-86-4]

EINECS 203-713-7

TARIC 2909 44 00 00

SYNONYMS: 2-Methoxy Ethanol, Methyl Cellosolve, Methylglycol

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 0,9666 • M.P.: -85 °C • B.P.: 124,4 °C • n_{20/D} : 1,4028 • Flash P.:38 °C • Ign. T.:285 °C • Vap. press. (20 °C) 11 hPa • Dielec. constant 20 °C 15,4 • Evap. number (DIN 53170) 34 • Heat evap. 125 °C 557 KJ/Kg • Expl. limit 2,5 %(V) 20 %(V) •

BIBLIOGRAPHY: Merck Index **12**, 6.118 13, 6.066 Sax **EJH500** • Safety **2** , **2249 B** • Kühn-Birett **A 34** • Ullmann **(5.)10** , 109 • Beilstein **1** , **467 I** , **244 II** , **518 III** , **2069 IV** , **2375** • BRN 1731074 • ACS **XI** •

HAZARDOUS: C.E: 603-011-00-4 • RTECS: KL 5775000 • LD50 oral hmn 3.380 mg/kg • LD50 oral rat 2.370 mg/kg • LC50 inh rat 1500 ppm / 7h • LD50 skn rbt 1.280 mg/kg • VLA-ED 5 ppm 16 mg/m³



H: H360D • H226 • H332 • H312 • H302 •

P: P201 • P202 • P210 • P233 • P240 • P241 • P242 • P243 • P261 • P264 • P270 • P271 • P280 • P281 • P301+P312 • P302+P352 • P303+P361+P353 • P304+P340 • P308+P313 • P312 • P322 • P330 • P363 • P370+P378 • P403+P235 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1188 • ADR: 3/III • IMDG: 3/III • IATA: 3/III • PAX: 355 • CAO: 366 • (D/E) •**WEIGHT/VOLUME INFORMATION:** 1l~0,966 kg 1kg~1,035 l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 20/4	0,964-0,968

Maximum limit of impurities

APHA colour	10
Acidity	0,001 meq/g

Non-volatile matter	0,005 %
Peroxides (as H ₂ O ₂)	0,0003 %*
Water (H ₂ O)	0,1 %

Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

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