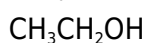


**PRODUCT CODE: 212801****Ethanol absolute partially denatured technical grade**

contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex.



M. = 46,07

CAS [64-17-5]

EINECS 200-578-6

TARIC 2207 20 00 90

SYNONYMS: Ethyl Alcohol

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water and most of the solvents • D 20/4 0,79 • M.P.: -114,1 °C • B.P.: 78,5 °C • n_{20/D} : 1,361 • Flash P.: 13 °C • Ign. T.: 425 °C • Vap. press. (20 °C) 59 hPa • Viscosity 25 °C 1,2 mPa.s • D. M. 20 °C 1,7 Debye • Dielec. constant 25 °C 24,3 • Evap. number (DIN 53170) 8,3 • Heat evap. 78 °C 855 KJ/Kg • Satur. conc. 20 °C 105 g/m³ • Expl. limit 3,5 % (V) 15 % (V) •

BIBLIOGRAPHY: Merck Index **12**, 3.806 13, 3.795 Sax **EFU**300 • Ullmann **(5.)**9 , 587 • Beilstein **1** , **IV** , **1289** • BRN 1718733 • ACS **XI** • ISO 6353/2-1983 R -11 , 14 • BP.**2018** • USP **41** • Ph. Eur. **9.0** (2017) 11408.0 (2014) • F.C.C **IV**136 **10**157 • Ph. U. IX , 74, Ph. Fr. X , 15 •

HAZARDOUS: C.E: 603-002-00-5 • RTECS: KQ 6300000 • LD L0 oral hmn 1.400 mg/kg • LD50 oral rat 7.060 mg/kg • LC L0 inh gpg 21900 ppm • LC50 inh rat 20000 ppm / 10h • VLA-ED 1.000 ppm 1.910 mg/m³



H: H225 • H319 •

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

TRANSPORT REGULATIONS: UN: 1170 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l ~ 0,791 kg 1kg ~ 1,264 l

OBSERVATIONS: May be subject to special tax. •

SPECIFICATIONS:

Minimum assay (in vol. of CH ₃ CH ₂ OH)	99,5%
Density at 20/4	0,789-0,793
Alkalinity (as NH ₃)	0,002 %
Diethyl Phthalate (as v/v)	0,3%
Water (H ₂ O)	0,5 %

DO NOT USE FOR ALIMENTARY PURPOSE

Sells are not allowed in EU except Spain.

Ed.: 3 . Vig.: 25.09.2015 .

Prod.: 212801