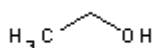


**PRODUCT CODE: 201085****Ethanol 96% v/v (F.C.C.) food grade**
extraction solvent for industrial food use C_2H_6O CH_3CH_2OH 

M.= 46,07

CAS [64-17-5]

EINECS 200-578-6

TARIC 2207 10 00 90

SYNONYMS: Ethyl Alcohol**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water and most of the solvents • D 20/4 0,805 • M.P.: -114,1 °C • B.P.: 78,5 °C • n_{20/D} : 1,361 • Flash P.:14 °C • Ign. T.:~425 °C • Vap. press. (20 °C) 57,26 hPa • Viscosity 1,2 mPa.s • Expl. limit 2,5 %(V) 13,5 %(V) •**BIBLIOGRAPHY:** Merck Index **12**, 3.806 13, 3.795 Sax **EFU300** • Ullmann **(5.)**9 , 587 • Beilstein **1** , **IV** , **1289** • BRN 1718733 • ACS **XI** • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • Directive 88/344/E.C.E.92/115/E.C.E.94/52/EC97/60/EC (27/10/1997) 2009/32/CE • DAB 10, Royal Decree 472/1990 (6/4/1990) , 2667/1998 (11 /12/1998), 1101/2011 (22/7/2011), F. U. IX , 74, Ph.F. X , 15 •**HAZARDOUS:** C.E: 603-002-00-5 • RTECS: KQ 6300000 • LD50 oral rat 6.200 - 15.000 mg/kg / (OECD 401) • LC50 rat >50mg/m³ / (OECD 403) • VLA-ED 1.000 ppm 1.920 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~0,805 kg 1kg~1,242 l**OBSERVATIONS:** May be subject to special tax. • Storage away from direct light, away from sources of ignition and heat. Storage at temperature below 25°C. •**SPECIFICATIONS:**

Assay (by volume) (equiv. to 92.3% w/w) , not less than	94,9%
Identity :	
Identity	IR passes test
Acidity(as CH ₃ COOH), not more than	0,003%
Alkalinity (as NH ₃), not more than	3 ppm
Non-volatile residue , not more than	0,003%
Darkened substances by H ₂ SO ₄	passes test
Reducing substances of KMnO ₄	passes test
Fusel oil	passes test
Solubility in water	passes test
Ketones, 2-Propanol	passes test
Methanol and other volatile impurities (G.C.)	
Methanol, not more than	200 ppm
Any other single impurity, no more than	1000 ppm
Total impurities, no more than	5000 ppm
Arsenic, not more than	1 ppm
Lead, not more than	0,5 ppm

Specifications Dir. 2009/32/CE, F.C.C. 12

For use in foodstuffs according to F.C.C.