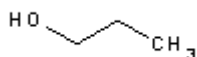


**PRODUCT CODE: 161885**

**1-Propanol, 99.5% for synthesis**

C<sub>3</sub>H<sub>8</sub>O

CH<sub>3</sub>CH<sub>2</sub>CH<sub>2</sub>OH



M.= 60,10

CAS [71-23-8]

EINECS 200-746-9

TARIC 2905 12 00 00

FEMA 2928

**SYNONYMS:** n-Propanol, n-Propyl alcohol

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water, alcohol, ether and trichloromethane. • D 20/4 0,8035 • M.P.: -126,5 °C • B.P.: 97,4 °C • n<sub>20</sub>/D : 1,385 • Flash P.:15 °C • Ign. T.:405 °C • Vap. press. (20 °C) 18,7 hPa • Viscosity 20 °C 2,75 mPa.s • D. M. 20 °C 1,7 Debye • Dielec. constant<sub>25 °C</sub> 20,1 • Evap. number (DIN 53170) 17 • Heat evap. 97 °C 681 KJ/Kg • Satur. conc. 20 °C 46 g/m<sup>3</sup> • Expl. limit<sub>2,1 % (V)</sub>13,5 % (V) •

**BIBLIOGRAPHY:** Merck Index **13**, 7.934 Sax **PND000** • Safety **2** , **2951 D** • Kühn-Birett **P 36** • Ullmann **(4.)19** , 443 • Beilstein **1** , **350 I** , **175 II** , **360 III** ,**1397 IV** , **1413** • BRN 1098242 • ACS **XI** • BP.**2025** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **13** • Directive 2009/32/CE •

**HAZARDOUS:** C.E: 603-003-00-0 • RTECS: UH 8225000 • LD L0 oral wmn 5.700 mg/kg • LD50 oral rat 1.870 mg/kg • LC50 mus 48000mg/m<sup>3</sup> • LD50 skn rbt 5.040 mg/kg • VLA-EC 250 ppm625 mg/m<sup>3</sup> VLA-ED 200 ppm500 mg/m<sup>3</sup>



H: H225 • H318 • H336 •

P: P210 • P233 • P240 • P241 • P242 • P243 • P261 • P271 • P280 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P312 • P370+P378 • P403+P233 • P403+P235 • P405 • P501 •

**TRANSPORT REGULATIONS:** UN: 1274 • ADR: 3/II • IMDG: 3/II • IATA: 3/II • PAX: 353 • CAO: 364 • (D/E) •

**WEIGHT/VOLUME INFORMATION:** 1l~0,804 kg 1kg~1,244 l

**SPECIFICATIONS:**

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 20/4	0,803-0,805
Non-volatile matter	0,001 %
Methanol (G.C.)	0,1 %
Water (H2O)	0,1 %