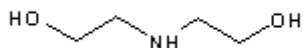
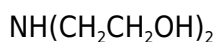
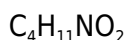
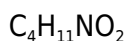


**PRODUCT CODE: 161287****Diethanolamine, 98% for synthesis**

M.= 105,14

CAS [111-42-2]

EINECS 203-868-0

TARIC 2922 12 00 00

**SYNONYMS:** 2,2'-Dioxydiethylamine, 2,2'-Iminodiethanol, Bis(b-Hydroxyethyl)Amine

**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • Hygroscopic • D 30/4 1,0881 • M.P.: 28 °C • B.P.: 271 °C • pH(10 g/l sol.)11 • n<sub>20</sub>/D : 1,4776 • Flash P.:137 °C • Ign. T.:370 °C • Vap. press. (20 °C) 0,01 hPa • Viscosity 30 °C 352 mPa.s • D. M. 30 °C 2,81 Debye • Expl. limit 2,1 %(V) 10,6 %(V) •

**BIBLIOGRAPHY:** Merck Index **12**, 3.156 13, 3.134 Sax **BA**750 • Safety **2** , **1183 D** • Kühn-Birett **D 6** • Ullmann (**5.**)10 , 1 • Beilstein **4** , **283 II** , **729 III** , **689 IV** , **1514** • BRN 605315 • ACS **XI** • USP -**NF 36** •

**HAZARDOUS:** C.E: 603-071-00-1 • RTECS: KL 2975000 • LD50 oral rat 710 mg/kg • LD50 skn rbt 12.200 mg/kg • VLA-ED 0,46 ppm2 mg/m3



H: H302 • H315 • H318 • H373 •

P: P260 • P264 • P270 • P280 • P301+P312 • P302+P352 • P305+P351+P338 • P310 • P314 • P321 • P330 • P332+P313 • P362 • P501 •

**TRANSPORT REGULATIONS:** UN: 1760 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •**WEIGHT/VOLUME INFORMATION:** 1l~1,09 kg 1kg~0,91 l

**SPECIFICATIONS:**

Minimum assay (G.C.)	98%
Identity :	
Identity	IR passes test
Freezing point	25-28°C
Water (H2O)	0,3 %

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 161287