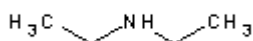
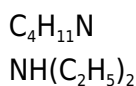


**PRODUCT CODE: 131288****Diethylamine (Reag. USP, Ph. Eur.) for analysis, ACS**M.= 73,14 CAS [109-89-7]
TARIC 2921 19 50 90

EINECS 203-716-3

SYNONYMS: N-Ethylethanamine**PHYSICAL DATA:** liquid, Clear, Colourless, Miscible with water • D 20/4 0,703 • M.P.: -50 °C • B.P.: 55,5 °C • n20/D : 1,3864 • Flash P.: -39 °C • Ign. T.:310 °C • Vap. press. (20 °C) 253 hPa • Expl. limit1,7 %(V)10,1 %(V) •**BIBLIOGRAPHY:** Merck Index **12**, 3.160 13, 3.138 Sax **DHJ**200 • Kühn-Birett **T** 16 • Ullmann **(4.)**7 , 377 • Beilstein **4** , **95 I** , **345 II** , **590 III** ,**187 IV** , **313** • BRN 605268 • Fieser **4148 13312 14191** • ACS **XI** •**HAZARDOUS:** C.E: 612-003-00-X • RTECS: HZ 8750000 • LD50 oral rat 540 mg/kg • LC L0 inh rat 4000 ppm / 4h • LC50 mus 3000mg/m3 • LD50 skn rbt 820 mg/kg • VLA-EC 10 ppm75 mg/m3 VLA-ED 5 ppm30 mg/m3H: H225 • H332 • H312 • H302 • H314 •
P: P210 • P233 • P240 • P241 • P242 • P243 • P260 • P261 • P264 • P270 • P271 • P280 • P301+P312 • P301+P330+P331 • P302+P352 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P312 • P321 • P322 • P330 • P338 • P363 • P370+P378 • P403+P235 • P405 • P501 •**TRANSPORT REGULATIONS:** UN: 1154 • ADR: 3(8)/II • IMDG: 3(8)/II • IATA: 3(8)/II • PAX: 352 • CAO: 363 • (D/E) •**WEIGHT/VOLUME INFORMATION:** 1l~0,703 kg 1kg~1,422 l

SPECIFICATIONS:

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 25/4	0,700-0,705
Range of Boiling	55-58°C

Maximum limit of impurities

APHA colour	20
Non-volatile matter	0,01 %
Ethanol (G.C.)	0,05%
Monoethylamine (G.C.)	0,2%
Triethylamine (G.C.)	0,2%
Water (H2O)	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 %