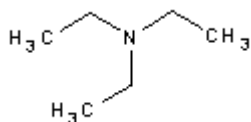


PRODUCT CODE: 123542

Triethylamine (Reag. USP) for analysis

C₆H₁₅N

C₆H₁₅N



M.= 101,19

CAS [121-44-8]

EINECS 204-469-4

TARIC 2921 19 99 90

SYNONYMS: N,N-Diethylethanamine

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 133 g/l at 20 °C D 20/4 0,728 • M.P.: -115 °C • B.P.: 90 °C • pH7 • n₂₀/D : 1,4003 • Flash P.: -11 °C • Vap. press. (20 °C) 70 hPa • Expl. limit 1,2 % (V) 8 % (V) •

BIBLIOGRAPHY: Merck Index 12, 9.799 13, 9.740 Sax TJO000 • Safety 2 , 3428 C • Kühn-Birett T 16 • Ullmann (5.)2 , 6 • Beilstein 4 , 99 I , 348 II , 593 III , 194 IV , 322 • BRN 605283 • Fieser 11198 2427 4527 5689 7385 9481 •

HAZARDOUS: C.E: 612-004-00-5 • RTECS: YE 0175000 • LD50 oral rat 460 mg/kg • LC L0 inh rat 1000 ppm / 4h • LC50 mus 6g/m³ / 2h • LD50 skn rbt 570 mg/kg • VLA-EC 3 ppm 12 mg/m³ VLA-ED 2 ppm 8,4 mg/m³



H: H225 • H302 • H311+H331 • H314 • H335 •

P: P280 • P303+P361+P353 • P305+P351+P338 • P310 • P321 • P361 • P405 • P501 •

TRANSPORT REGULATIONS: UN: 1296 • ADR: 3(8)/II • IMDG: 3(8)/II • IATA: 3(8)/II • PAX: 352 • CAO: 363 • (D/E) •

WEIGHT/VOLUME INFORMATION: 1l~0,727 kg 1kg~1,376 l

SPECIFICATIONS:

Minimum assay (G.C.)

99,5%

Identity :

Identity

IR passes test

Density at 20/4	0,725-0,729
Range of Boiling	89-90 °C

Maximum limit of impurities

ABS	
at λ 285 nm 1% sol. in CH ₃ OH/CHCl ₄	0,01
Non-volatile matter	0,005 %
Diethylamine (G.C.)	0,05%
Ethanol (G.C.)	0,05%
Water (H ₂ O)	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 %