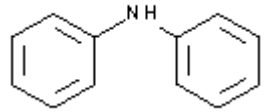
PanReac AppliChem ITW Reagents

PRODUCT CODE: 131828

Diphenylamine (Reag. Ph. Eur.) for analysis, ACS

$C_{12}H_{11}N$
$(C_6H_5)_2NH$



M.= 169,22 CAS [122-39-4] EINECS 204-539-4
TARIC 2921 44 00 20

SYNONYMS: N-Phenylaniline, N-Phenylbenzenamine

PHYSICAL DATA: White crystals , darkens on exposure to light, Soluble in water 0,2 g/l at 20 °C D 20/4 1,16 • M.P.: 54 °C • B.P.: 302 °C • Flash P.:153 °C • Ign. T.:635 °C • Vap. press. (115 °C) 1,3 hPa •
BIBLIOGRAPHY: Merck Index **12,** 3.375 Sax **DVX**800 • Safety **2 , 1452 A** • Römp **8 , 978** • Kühn-Birett **D** 104 • Ullmann **(5.)**2 , 50 • Beilstein **12 , 174 I , 163 II , 101 III, 284 IV , 271** • BRN 508755 • ACS **XI** •

HAZARDOUS: C.E: 612-026-00-5 • RTECS: JJ 7800000 • LD L0 oral rat 3.000 mg/kg • LD50 oral gpg 300 mg/kg • LD50 oral mus 1.750 mg/kg • LD50 oral rat 2.000 mg/kg • VLA-ED 10 mg/m3

H: H331 • H311 • H301 • H373 • H410 •
P: P260 • P261 • P264 • P270 • P271 • P501 • P273 • P280 • P301+P310 • P302+P352 • P304+P340 • P311 • P312 • P314 • P321 • P322 • P330 • P361 • P363 • P391 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2811 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

SPECIFICATIONS:

Minimum assay (G.C.)	99,0%
Identity :	
Identity	IR passes test
Melting range	52,5-54,0°C

Maximum limit of impurities

Residue on ignition (as SO4)	0,03 %
Solubility in C2H5OH	passes test
Sensitivity to NO3	passes test
Aniline (G.C.)	0,1%
Nitrate (NO3)	passes test

Cu	0,001	%
Fe	0,001	%
Ni	0,001	%
Pb	0,001	%