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## Typical Product Specifications & Properties

# N,N''-Diethylethylenediamine

CAS Number: : 111-74-0

Specifications	Limits
Molecular weight	116.20
EINECS	203-902-4
SMILES	N(CCNCC)CC
InChI	1S/C6H16N2/c1-3-7-5-6-8-4-2/h7-8H,3-6H2,1-2H3
InChIKey	CJKRXEBLWJVYJD-UHFFFAOYSA-N
Boiling Point	152-154 &deg;C
Density	0.811 g/mL at 25 &deg;C
Water solubility	Miscible with water.
Refractive Index	1.4326
Flash Point	92 &deg;F
Stability	Stable. Flammable. Incompatible with acids, acid chlorides, acid anhydrides, strong oxidizing agents. Absorbs, and reacts with, carbon dioxide in the air.
log P (octanol-water)	0.21



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Specifications	Limits
pKa Dissociation Constant	11.06
Boiling Point	146 &deg; C
Water solubility	6.98E+05 mg/L
Vapor Pressure	2.640 mm Hg
Henry's Law Constant	8.79E-09 atm-m <sup>3</sup> /mole
Atmospheric OH Rate Constant	1.65E-10 cm <sup>3</sup> /molecule-sec



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