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Typical Product Specifications & Properties

N-Ethyl-1-naphthylamine

CAS Number: : 118-44-5

Specifications	Limits
Molecular weight	171.24
EINECS	204-250-3
SMILES	<chem>N(c1c2c(cccc2)ccc1)CC</chem>
InChI	1S/C12H13N/c1-2-13-12-9-5-7-10-6-3-4-8-11(10)12/h3-9,13H,2H2,1H3
InChIKey	KDFFXYVOTKKBDI-UHFFFAOYSA-N
log P (octanol-water)	3.45
Water solubility	110 mg/L
Henry's Law Constant	5.42E-07 atm-m ³ /mole
Boiling Point	305 ° C
pKa Dissociation Constant	4.19
Atmospheric OH Rate Constant	2.09E-10 cm ³ /molecule-sec
Vapor Pressure	9.51E-04 mm Hg



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Specifications	Limits
BRN Number	2207404
Density	1.065 g/mL at 25 °C
Flash Point	>230 °F
Storage Temperature	2-8°C
Boiling Point	175-176 °C/15 mm Hg
Refractive Index	1.644



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