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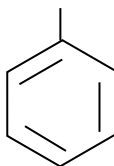
N,N-Diethylaniline

Synonym: Diethylphenylamine

Empirical formula: C₁₀H₁₅N

Structural formula:

N(C₂H₅)₂



mol.wt.: 149.24

Description: Light yellow to brown oil.

Technical data:	<u>Purity</u>	<u>98.5 % min.</u>
	<u>Aniline</u>	<u>0.03 % max.</u>
	<u>N-Ethylaniline</u>	<u>0.8 % max.</u>
	<u>Specific gravity (15/4°C)</u>	<u>0.938~0.940</u>
	<u>Boiling point</u>	<u>216.5°C</u>
	<u>Flash point</u>	<u>83.0°C</u>
	<u>Sparingly soluble in</u>	<u>water</u>
	<u>Soluble in</u>	<u>many organic solvents</u>

Standard packing: Steel drums, contents 190kgs.

Toxicity: LD₅₀ 0.98cc/kg rat (oral)

Application:

Polyester resins, Diazo print, Dyes (intermediates), Pharmaceuticals,
Petroleum additives.