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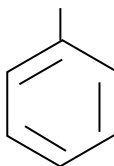
N,N-Dimethylaniline

Synonym: Dimethylphenylamine

Empirical formula: C₈H₁₁N

Structural formula:

N(CH₃)₂



mol.wt.: 121.18

Description: Light yellow to brown oil.

Technical data:	Purity	99.0 % min.
	Aniline	0.03 % max.
	N-Methylaniline	0.5 % max.
	Specific gravity (15/4°C)	0.959~0.962
	Solidifying point (dry)	1.9°C min.
	Boiling point	193.5°C
	Flash point	72.0°C
	Sparingly soluble in	water
	Soluble in	many organic solvents

Standard packing: Steel drums, contents 195kgs.

Toxicity: LD₅₀ 1,410mg/kg rat (oral)

Application:

Dyes (intermediates), Pharmaceuticals, Polyester resins, Agricultural chemicals (insecticides/fungicides), SO₂ recovery, Explosives, Solvents, Non-carbon paper industries.