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## Typical Product Specifications & Properties

# 4-Methyl-2-nitroaniline

CAS Number: : 89-62-3

Specifications	Limits
Molecular weight	152.15
EINECS	201-924-9
InChI	1S/C7H8N2O2/c1-5-2-3-6(8)7(4-5)9(10)11/h2-4H,8H2,1H3
InChIKey	DLURHXYXQYMLPT-UHFFFAOYSA-N
Water solubility	478 mg/L
Vapor Pressure	9.72E-04 mm Hg
Atmospheric OH Rate Constant	1.66E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	1.81E-07 atm-m <sup>3</sup> /mole
Melting Point	116.3 &deg; C
pKa Dissociation Constant	0.403
log P (octanol-water)	2.570
Water solubility	Soluble in water (0.2 g/L at 20&deg;C).



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Specifications	Limits
Colour Index	37110
Storage Temperature	-20&deg;C
Flash Point	157&deg;C
Melting Point	115-116 &deg;C
Density	1,164 g/cm <sup>3</sup>
BRN Number	879506
Boiling Point	169&deg;C (21 mmHg)



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