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## Typical Product Specifications & Properties

# 1-Chloro-3-Nitrobenzene

CAS Number : 121-73-3

Specifications	Limits
Molecular weight	157.55
EINECS	204-496-1
InChI	1S/C6H4ClNO2/c7-5-2-1-3-6(4-5)8(9)10/h1-4H
InChIKey	KMAQZIILEGKYQZ-UHFFFAOYSA-N
log P (octanol-water)	2.46
Melting Point	44.4 &deg; C
Henry's Law Constant	1.35E-05 atm-m <sup>3</sup> /mole
Vapor Pressure	0.097 mm Hg
Water solubility	273 mg/L
Atmospheric OH Rate Constant	1.20E-13 cm <sup>3</sup> /molecule-sec
Boiling Point	235.5 &deg; C
BRN Number	1907947



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Specifications	Limits
Solubility	alcohol: freely soluble (hot)
Boiling Point	236 &deg;C
Storage Temperature	Store below +30&deg;C.
Flash Point	218 &deg;F
Density	1.534 g/mL at 25 &deg;C
Stability	Stable. Incompatible with strong oxidizing agents, strong acids, strong reducing agents.
Melting Point	43-47 &deg;C
Water solubility	INSOLUBLE
Merck	14,2151



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