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Typical Product Specifications & Properties

1-Methyl-1-cyclohexene

CAS Number: : 591-49-1

Specifications	Limits
Molecular weight	96.17
EINECS	209-718-0
SMILES	C=1(CCCCC1)C
InChI	1S/C7H12/c1-7-5-3-2-4-6-7/h5H,2-4,6H2,1H3
InChIKey	CTMHWPIWNRWQEG-UHFFFAOYSA-N
log P (octanol-water)	3.510
Boiling Point	110.3 ° C
Henry's Law Constant	0.075 atm-m3/mole
Vapor Pressure	30.6 mm Hg
Atmospheric OH Rate Constant	9.44E-11 cm3/molecule-sec
Water solubility	52 mg/L
Melting Point	-1.20E+02 ° C



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Specifications	Limits
Stability	Stable, but may be prone to polymerization. May be stabilized by the addition of around 10 ppm hydroquinone. Highly flammable. Incompatible with strong oxidizing agents.
Flash Point	25 °F
Density	0.811 g/mL at 20 °C
Refractive Index	1.45
Storage Temperature	Flammables area
Boiling Point	110-111 °C
BRN Number	1304483



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