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Typical Product Specifications & Properties

1,3-Cyclohexadiene

CAS Number: : 592-57-4

Specifications	Limits
Molecular weight	80.13
EINECS	209-764-1
SMILES	C1CC=CC=C1
InChI	1S/C6H8/c1-2-4-6-5-3-1/h1-4H,5-6H2
InChIKey	MGNZXYYWBUKAI-UHFFFAOYSA-N
Henry's Law Constant	0.084 atm-m ³ /mole
log P (octanol-water)	2.47
Vapor Pressure	97.3 mm Hg
Atmospheric OH Rate Constant	1.64E-10 cm ³ /molecule-sec
Melting Point	-8.90E+01 °C
Boiling Point	80.5 °C
Water solubility	295 mg/L



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Specifications	Limits
Melting Point	-98 °C
Density	0.841 g/mL at 25 °C
Flash Point	-2 °F
Boiling Point	80 °C
BRN Number	506024
Water solubility	Slightly miscible with methanol. Immiscible with water.
Refractive Index	1.474
Storage Temperature	2-8°C



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