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Typical Product Specifications & Properties

Ethylcyclohexane

CAS Number: : 1678-91-7

Specifications	Limits
Molecular weight	112.21
EINECS	216-835-0
SMILES	C1(CCCCC1)CC
InChI	1S/C8H16/c1-2-8-6-4-3-5-7-8/h8H,2-7H2,1H3
InChIKey	IIIEWJVIFRVWJOD-UHFFFAOYSA-N
Vapor Pressure	12.8 mm Hg
Melting Point	-1.11E+02 ° C
pKa Dissociation Constant	10.45
Henry's Law Constant	0.300 atm-m3/mole
Water solubility	6.3 mg/L
log P (octanol-water)	4.56
Atmospheric OH Rate Constant	1.20E-11 cm3/molecule-sec



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Specifications	Limits
Boiling Point	131.9 ° C
Melting Point	-111 °C
Boiling Point	130-132 °C
Water solubility	INSOLUBLE
Density	0.788 g/mL at 25 °C
Storage Temperature	Flammables area
Refractive Index	1.432
Flash Point	66 °F
Vapor Pressure	25 mm Hg (37.7 °C)



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