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Typical Product Specifications & Properties

Cyclooctanone

CAS Number: : 502-49-8

Specifications	Limits
Molecular weight	126.20
EINECS	207-940-2
SMILES	C1(CCCCCC1)=O
InChI	1S/C8H14O/c9-8-6-4-2-1-3-5-7-8/h1-7H2
InChIKey	IIFRCWANHMSDCG-UHFFFAOYSA-N
Melting Point	29 ° C
Atmospheric OH Rate Constant	1.49E-11 cm ³ /molecule-sec
log P (octanol-water)	2.110
Henry's Law Constant	9.01E-05 atm-m ³ /mole
Water solubility	1510 mg/L
Boiling Point	196 ° C
Melting Point	32-41 °C



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Specifications	Limits
Density	0.958 g/mL at 25 °C
Water solubility	Soluble in water at 20°C 15g/L. Soluble in acetone, alcohol, chloroform, methanol and benzene.
Boiling Point	195-197 °C
BRN Number	1280738
Flash Point	163 °F



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