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## Typical Product Specifications & Properties

# Decamethyltetrasiloxane

CAS Number : 141-62-8

Specifications	Limits
Molecular weight	310.69
EINECS	205-491-7
SMILES	<chem>O([Si](O[Si](C)(C)C)(C)C)[Si](O[Si](C)(C)C)(C)C</chem>
InChI	1S/C10H30O3Si4/c1-14(2,3)11-16(7,8)13-17(9,10)12-15(4,5)6/h1-10H3
InChIKey	YFCGDEUVHLPRCZ-UHFFFAOYSA-N
Vapor Density	>1
Flash Point	144 &deg;F
Boiling Point	194 &deg;C
Density	0.854 g/mL at 25 &deg;C
Melting Point	-68 &deg;C
Refractive Index	1.389
Merck	2850



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Specifications	Limits
Water solubility	0.00674 mg/L
Melting Point	-7.60E+01 &deg; C
log P (octanol-water)	5.4
Vapor Pressure	0.375 mm Hg
Atmospheric OH Rate Constant	1.50E-12 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	17 atm-m <sup>3</sup> /mole
Boiling Point	194 &deg; C



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