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## Typical Product Specifications & Properties

# Diethyl (2,2-diethoxyethyl)phosphonate

CAS Number: : 7598-61-0

Specifications	Limits
Molecular weight	254.26
EINECS	231-504-0
SMILES	CCOP(=O)(OCC)CC(OCC)OCC
InChI	LUQYELQXRPNKRY-UHFFFAOYSA-N
InChIKey	1S/C10H23O5P/c1-5-12-10(13-6-2)9-16(11,14-7-3)15-8-4/h10H,5-9H2,1-4H3
Atmospheric OH Rate Constant	6.09E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	3.54E-09 atm-m <sup>3</sup> /mole
log P (octanol-water)	0.69
Water solubility	5770 mg/L
Vapor Pressure	8.33E-04 mm Hg
Density	1.052 g/mL at 25 &deg;C
Boiling Point	146-149 &deg;C/14 mm Hg





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Specifications	Limits
Sensitive	Moisture Sensitive
Storage Temperature	2-8&deg;C
Flash Point	>230 &deg;F
Refractive Index	1.430
Water solubility	Soluble in chloroform and dichloromethane. Not miscible or difficult to mix in water.
BRN Number	1785614



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415 Huguenot Street, New Rochelle, New York 10801

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