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Typical Product Specifications & Properties

Trimethyl phosphite

CAS Number: : 121-45-9

Specifications	Limits
Molecular weight	124.08
EINECS	204-471-5
SMILES	P(OC)(OC)OC
InChI	1S/C3H9O3P/c1-4-7(5-2)6-3/h1-3H3
InChIKey	CYTQBVOFDCPGCX-UHFFFAOYSA-N
Water solubility	7200 mg/L
Boiling Point	111.5 ° C
log P (octanol-water)	-0.730
Atmospheric OH Rate Constant	8.36E-12 cm ³ /molecule-sec
Vapor Pressure	18.7 mm Hg
Henry's Law Constant	1.07E-05 atm-m ³ /mole
Boiling Point	111-112 °C



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Specifications	Limits
Density	1.052 g/mL at 25 °C
Vapor Density	4.3
Melting Point	-78 °C
Flash Point	82 °F
Sensitive	Air & Moisture Sensitive
Storage Temperature	2-8°C
Refractive Index	1.408
Vapor Pressure	17 mm Hg (20 °C)
Water solubility	Hydrolyzes with water.



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