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Typical Product Specifications & Properties

Trimethoxysilane

CAS Number: : 2487-90-3

Specifications	Limits
Molecular weight	122.20
EINECS	219-637-2
SMILES	[Si](OC)(OC)OC
InChI	1S/C3H10O3Si/c1-4-7(5-2)6-3/h7H,1-3H3
InChIKey	YUYCVXFAYWRXLS-UHFFFAOYSA-N
Atmospheric OH Rate Constant	2.49E-12 cm ³ /molecule-sec
Boiling Point	81 °C
Henry's Law Constant	2.04E-07 atm-m ³ /mole
Water solubility	1.00E+06 mg/L
log P (octanol-water)	-1.220
Melting Point	-1.15E+02 °C
Boiling Point	81 °C



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Specifications	Limits
Melting Point	-115 °C
Stability	May decompose upon exposure to air or water. Incompatible with strong oxidizing agents, strong bases, strong acids.
Refractive Index	1.358
Density	0.96 g/mL at 25 °C
Vapor Pressure	<7.2 mm Hg (20 °C)
Storage Temperature	Flammables area
Vapor Density	>1
Flash Point	24 °F



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