

Typical Product Specifications & Properties

Paraldehyde

CAS Number: : 123-63-7

Specifications	Limits
Molecular weight	132.16
EINECS	204-639-8
SMILES	<chem>C1(OC(OC(O1)C)C)C</chem>
InChI	1S/C6H12O3/c1-4-7-5(2)9-6(3)8-4/h4-6H,1-3H3
InChIKey	SQYNKIJPMEDEEG-UHFFFAOYSA-N
Boiling Point	65-82 °C
Vapor Pressure	25.89 psi (55 °C)
Water solubility	125 g/L (25 °C)
Stability	Stable. Flammable. Incompatible with strong oxidizing agents, mineral acids.
FEMA	4010
Density	0.994 g/mL at 20 °C
Flash Point	30 °F

Specifications	Limits
Form	solution
Storage Temperature	2-8°C
Vapor Density	1.52
Merck	13,7098
Melting Point	12 °C
Refractive Index	1.39
Boiling Point	124.3 ° C
Vapor Pressure	11 mm Hg
Atmospheric OH Rate Constant	2.18E-11 cm ³ /molecule-sec
log P (octanol-water)	0.67
Water solubility	1.12E+05 mg/L
Henry's Law Constant	1.71E-05 atm-m ³ /mole

Specifications	Limits
Melting Point	12.6 °C
Solubility	120g/l