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Typical Product Specifications & Properties

1-Chloropropane

CAS Number: : 540-54-5

Specifications	Limits
Molecular weight	78.54
EINECS	208-749-7
SMILES	CCCCl
InChI	1S/C3H7Cl/c1-2-3-4/h2-3H2,1H3
InChIKey	SNMVRZFUUCLYTO-UHFFFAOYSA-N
Vapor Pressure	345 mm Hg
log P (octanol-water)	2.04
Atmospheric OH Rate Constant	1.12E-12 cm ³ /molecule-sec
Melting Point	-1.23E+02 ° C
Water solubility	2720 mg/L
Henry's Law Constant	0.013 atm-m ³ /mole
Boiling Point	46.5 ° C



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Specifications	Limits
Water solubility	2.7 g/L (20 °C)
Solubility	2.7g/l
Refractive Index	1.388
Vapor Pressure	5.51 psi (20 °C)
Boiling Point	46-47 °C
Flash Point	-25 °F
Melting Point	-123 °C
Vapor Density	2.71
Storage Temperature	Refrigerator (+4°C) + Flammables area
Density	0.892 g/mL at 25 °C
Merck	7847



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