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## Typical Product Specifications & Properties

# 2-Chloroethyl Ether

CAS Number: : 111-44-4

Specifications	Limits
Molecular weight	143.01
EINECS	203-870-1
InChI	1S/C4H8Cl2O/c5-1-3-7-4-2-6/h1-4H2
InChIKey	ZNSMNVMLTJELDZ-UHFFFAOYSA-N
Water solubility	1.72E+04 mg/L
Atmospheric OH Rate Constant	3.16E-12 cm <sup>3</sup> /molecule-sec
Vapor Pressure	1.55 mm Hg
Henry's Law Constant	1.70E-05 atm-m <sup>3</sup> /mole
log P (octanol-water)	1.29
Melting Point	-5.19E+01 &deg; C
Boiling Point	178.5 &deg; C
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.



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Specifications	Limits
Melting Point	-47 &deg;C
BRN Number	605317
Flash Point	131 &deg;F
Storage Temperature	2-8&deg;C
Boiling Point	65-67 &deg;C/15 mm Hg
Merck	14,3066
Vapor Pressure	0.4 mm Hg ( 20 &deg;C)
Refractive Index	1.456
Water solubility	Slightly soluble. 1.72 g/100 mL
Density	1.22 g/mL at 25 &deg;C



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