



>>Entry Name: 1,2-Bis(2-chloroethoxy)ethane, 9Cl

Synonym(s): 1,8-Dichloro-3,6-dioxaoctane. Triglycol dichloride

CAS Registry Number: 112-26-5

ClCH₂CH₂OCH₂CH₂OCH₂CH₂Cl

Molecular Formula: C₆H₁₂Cl₂O₂

Molecular Weight: 187.065

Accurate Mass: 186.021434

Percentage Composition: C 38.52%; H 6.47%; Cl 37.90%; O 17.11%

Use/Importance: Used in synth. of crown ethers

Physical Description: Liq.

Melting Point: Fp -31.5°

Boiling Point: Bp 240°. Bp_{1.2} 76-78°

Aldrich: 24162-8

Fluka: 14620

Sigma: C9153

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 331B, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 211B, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 276B, (ir)

U.S. Pat., 1966, 3 294 847; *CA*, **66**, 65086, (synth)

Levason, W. *et al.*, *J. Organomet. Chem.*, 1981, **219**, 163, (synth)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 6th edn., Van Nostrand Reinhold, 1984, 2650

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TKL500