



>>Entry Name: 1-Chloro-2-methyl-1-propene, 9Cl

Synonym(s): 1-Chloroisobutene

CAS Registry Number: 513-37-1

$(\text{H}_3\text{C})_2\text{C}=\text{CHCl}$

Molecular Formula: $\text{C}_4\text{H}_7\text{Cl}$

Molecular Weight: 90.552

Accurate Mass: 90.023627

Percentage Composition: C 53.06%; H 7.79%; Cl 39.15%

Physical Description: Liq.

Boiling Point: Bp_{775} 68-69°

Density: d_4^{20} 0.942

Hazard & Toxicity: Eye, skin and respiratory tract irritant. Exp. carcinogen (large doses)

Aldrich: 12335-8

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 137C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 97A, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 135C, (ir)

Michael, A. *et al.*, *J. Prakt. Chem.*, 1901, **64**, 102

Pogorshelskii, Z.A., *Chem. Zentralbl.*, 1905, **1**, 667

Ger. Pat., 1966, 1 230 781; *CA*, **66**, 85449p

Schulze, K. *et al.*, *J. Prakt. Chem.*, 1984, **326**, 433, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, IKE000