



>>Entry Name: 3,4-Dichloro-1-butene, 9Cl

CAS Registry Number: 760-23-6

ClCH2CHClCH=CH2

Molecular Formula: C₄H₆Cl₂

Molecular Weight: 124.997

Accurate Mass: 123.984654

Percentage Composition: C 38.44%; H 4.84%; Cl 56.73%

Hazard & Toxicity: LD₅₀ (mus, orl) 724 mg/kg. Exp. reprod. effects

Aldrich: 15930-1

>>Variant: (±)-form

Molecular Formula: C₄H₆Cl₂

Molecular Weight: 124.997

Accurate Mass: 123.984654

Percentage Composition: C 38.44%; H 4.84%; Cl 56.73%

Melting Point: Mp -61°

Boiling Point: Bp 123° (158°). Bp₄₀ 45-45.5°

Density: d₄²⁰ 1.158

Hazard & Toxicity: Flammable, fl.p. 45°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 145B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 99B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 140A, (*ir*)

Aldrich Library of IR Spectra, 2nd Ed., 56A, (*ir*)

Aldrich Library of NMR Spectra, **1**, 70B, (*pmr*)

Sadtler Standard C-13 NMR Spectra, 378, (*cmr*)

Owen, L.N., *J.C.S.*, 1949, 241, (*synth*)

Registry of Mass Spectral Data, Wiley-Interscience, 1974, 201-3

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DEV100