



>>Entry Name: **3-Chloro-1-propyne**, 9Cl

Synonym(s): Propargyl chloride. (Chloromethyl)acetylene

CAS Registry Number: 624-65-7

HC≡CCH₂Cl

Molecular Formula: C₃H₃Cl

Molecular Weight: 74.509

Accurate Mass: 73.992327

Percentage Composition: C 48.36%; H 4.06%; Cl 47.58%

Physical Description: Liq.

Boiling Point: Bp 65°

Density: d₄²⁰ 1.045

Hazard & Toxicity: Highly flammable, fl. p. <15°. Violent reacn. with NH₃ under press.

Aldrich: 14399-5

Fluka: 81842

References:

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Henry, L., *Ber.*, 1875, **8**, 398, (synth)

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Evans, J.C. *et al.*, *Spectrochim. Acta*, 1963, **19**, 1153, (ir, Raman)

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, CKV275

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