



>>Entry Name: 1-Chlorooctane, 9CI

Synonym(s): *n*-Octyl chloride

CAS Registry Number: 111-85-3

$\text{H}_3\text{C}(\text{CH}_2)_6\text{CH}_2\text{Cl}$

Molecular Formula: $\text{C}_8\text{H}_{17}\text{Cl}$

Molecular Weight: 148.675

Accurate Mass: 148.101877

Percentage Composition: C 64.63%; H 11.52%; Cl 23.85%

Physical Description: Liq.

Boiling Point: Bp₇₆₅ 181.5°. Bp₁₅ 78°

Density: d_4^{20} 0.875

Refractive Index: n_D^{20} 1.4306

Hazard & Toxicity: Fl. p. 70°

Aldrich: 12515-6

Fluka: 25660

Sigma: C0779

Supelco: 44-2261

References:

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Clark, R.H. *et al.*, *CA*, 1930, **24**, 586, (synth)

Vogel, A.I., *J.C.S.*, 1943, 640

Regen, S.L. *et al.*, *J.O.C.*, 1975, **40**, 1669, (synth)

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