



>>Entry Name: **1,8-Dichlorooctane**, 9Cl

Synonym(s): Octamethylene chloride

CAS Registry Number: 2162-99-4

ClCH2(CH2)6CH2Cl

Molecular Formula: $C_8H_{16}Cl_2$

Molecular Weight: 183.12

Accurate Mass: 182.062904

Percentage Composition: C 52.47%; H 8.81%; Cl 38.72%

Physical Description: Liq.

Boiling Point: Bp 240-242°. Bp₁₄ 118-119°

Density: d_4^{25} 1.025

Refractive Index: n_D^{25} 1.4572

Other Data: Solidifies in freezing mixt.

Aldrich: 36128-3

References:

Aldrich Library of ^{13}C and 1H FT NMR Spectra, 1992, **1**, 113B, (*nmr*)

Huber, W.F., *J.A.C.S.*, 1951, **73**, 2730, (*synth*)