



>>Entry Name: 1,1,2,3,3,3-Hexachloro-1-propene, 9Cl

Synonym(s): Hexachloropropylene. Perchloropropene

CAS Registry Number: 1888-71-7

$\text{Cl}_2\text{C}=\text{CClCCl}_3$

Molecular Formula: C_3Cl_6

Molecular Weight: 248.749

Accurate Mass: 245.813112

Percentage Composition: C 14.49%; Cl 85.51%

Boiling Point: Bp 209-210°. Bp₁₀ 99°

Density: d_4^{20} 1.76

Hazard & Toxicity: Irritant. LC₅₀ 425 ppm (30 m exposure)

Aldrich: H640-1

Fluka: 52160

Supelco: 44-2611

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 148B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 101D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 143B, (*ir*)

Höver, H., *Chem. Ber.*, 1967, **100**, 456, (*synth*)

Hawkes, G.E. *et al.*, *J.O.C.*, 1974, **39**, 1276, (*cmr*)

Zhilinskaya, T.D. *et al.*, *Zh. Prikl. Khim. (Leningrad)*, 1976, **49**, 2575, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, HCM000