



>>Entry Name: 1,2-Dibromo-1,1,2,2-tetrachloroethane, 8Cl

CAS Registry Number: 630-25-1

Cl2BrCCCl2Br

Molecular Formula: C2Br2Cl4

Molecular Weight: 325.641

Accurate Mass: 321.75208

Percentage Composition: C 7.38%; Br 49.07%; Cl 43.55%

Use/Importance: Fungicide, fire-proofing agent, brominating agent

Melting Point: Mp 220-222 dec.°

Other Data: Dec. on heating >105°, subl. *in vacuo*

Aldrich: 13339-6

Fluka: 34380

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 130C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 89C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 128B, (*ir*)

Willard, J. *et al.*, *J.A.C.S.*, 1935, **57**, 2243, (*synth*)

Huyser, E.S. *et al.*, *Chem. Ind. (London)*, 1963, 1954, (*use*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1967, **1**, 209