



>>Entry Name: Dimethylsulfamoyl chloride, 9Cl, 8Cl

CAS Registry Number: 13360-57-1
Me2NSO2Cl

Molecular Formula: C2H6ClNO2S

Molecular Weight: 143.594

Accurate Mass: 142.980776

Percentage Composition: C 16.73%; H 4.21%; Cl 24.69%; N 9.75%; O 22.28%; S 22.33%

Physical Description: Liq.

Boiling Point: Bp₇₅ 114°

Density: d₄²⁰ 1.34

Other Data: Corrosive

Aldrich: D18625-2

Fluka: 41600

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 1458B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 902C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 835D, (*ir*)

Ger. Pat., 1943, 735 866; *CA*, **38**, 4101, (*synth*)

Meyer, L.H. *et al.*, *J.A.C.S.*, 1953, **75**, 4567, (*pmr*)

Vilkov, L.V. *et al.*, *Dokl. Akad. Nauk SSSR*, 1966, **168**, 1065; *CA*, **65**, 12946, (*struct*)