



>>Entry Name: Chloromethyl chlorosulfonate

Synonym(s): Chlorosulfuric acid chloromethyl ester, 9Cl. Chlorosulfonic acid chloromethyl ester

CAS Registry Number: 49715-04-0

ClSO2OCH2Cl

Molecular Formula: CH2Cl2O3S

Molecular Weight: 164.996

Accurate Mass: 163.910169

Percentage Composition: C 7.28%; H 1.22%; Cl 42.97%; O 29.09%; S 19.43%

Physical Description: Liq. with penetrating odour

Boiling Point: Bp₁₄ 49-50°

Hazard & Toxicity: Severe eye, skin and respiratory tract irritant

References:

Fuchs, K. *et al.*, *Ber.*, 1927, **60**, 2288, (*synth*)

Doucet-Baudry, G., *Helv. Chim. Acta*, 1973, **56**, 1483, (*ir, uv*)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 5th edn., Van Nostrand Reinhold, 1979, 494