



>>Entry Name: Tripropyl phosphate, 9Cl, 8Cl

CAS Registry Number: 513-08-6

$(\text{H}_3\text{CCH}_2\text{CH}_2\text{O})_3\text{P}=\text{O}$

Molecular Formula: $\text{C}_9\text{H}_{21}\text{O}_4\text{P}$

Molecular Weight: 224.236

Accurate Mass: 224.117747

Percentage Composition: C 48.21%; H 9.44%; O 28.54%; P 13.81%

Use/Importance: Fireproofing agent

Physical Description: Liq.

Boiling Point: Bp 252°. Bp₅₀ 161°. Bp₁₀ 121°

Solubility: Sol. H_2O

Density: d_4^{20} 1.01

Refractive Index: n_D^{20} 1.4165

Aldrich: 25532-7

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 1496B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 926A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 847B, (*ir*)

Evans, D.P. *et al.*, *J.C.S.*, 1930, 1310, (*synth*)

Vogel, A.I. *et al.*, *J.C.S.*, 1943, 16, (*synth*)

Sax, N.I., *Dangerous Properties of Industrial Materials, 5th edn.*, Van Nostrand Reinhold, 1979, 1070