



>>Entry Name: Tetraethylgermane, 9CI

Synonym(s): Tetraethylgermanium

CAS Registry Number: 597-63-7

GeEt₄

Molecular Formula: C₈H₂₀Ge

Molecular Weight: 188.856

Accurate Mass: 190.077677

Percentage Composition: C 50.88%; H 10.67%; Ge 38.45%

Source/Synthesis: Synth. from Et₃Al and GeCl₄

Physical Description: Liq.

Melting Point: Mp -90°

Boiling Point: Bp 165.5°

Aldrich: 40170-6

Rare Chemicals Library: S38781-9

References:

Glockling, F. *et al.*, *J.C.S.(A)*, 1967, 623, (*synth*)

Long, L.H. *et al.*, *J. Inorg. Nucl. Chem.*, 1968, **30**, 2071, (*synth*)

Mogul, P.H., *J. Chem. Eng. Data*, 1974, **19**, 4, (*props*)

Chernoplekova, V.A. *et al.*, *Izv. Akad. Nauk SSSR, Ser. Khim.*, 1975, 834, (*glc*)

Kostyanovsky, R.G. *et al.*, *Org. Mass Spectrom.*, 1976, **11**, 237, (*ms*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TCE750