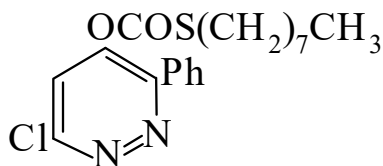




>>Entry Name: Pyridate, BSI, ISO, WSSA

Synonym(s): *O*-(6-Chloro-3-phenyl-4-pyridazinyl) *S*-octylcarbonothioate, 9cl. 6-Chloro-3-phenyl-4-pyridazinyl *S*-octylthiocarbonate. CL 11344



CAS Registry Number: 55512-33-9

Molecular Formula: C₁₉H₂₃ClN₂O₂S

Molecular Weight: 378.922

Accurate Mass: 378.116875

Percentage Composition: C 60.23%; H 6.12%; Cl 9.36%; N 7.39%; O 8.44%; S 8.46%

Use/Importance: Selective herbicide

Physical Description: Solid (technical grade usually oil)

Melting Point: Mp 27°

Boiling Point: Bp_{0.1} 220°

Hazard & Toxicity: LD₅₀ (rat, orl) 2000 mg/kg

References:

Austrian Pat., 1973, 326 409; *CA*, **84**, 116939b

Ger. Pat., 1975, 2 331 398; *CA*, **82**, 156354x, (*synth, activity*)

Diskus, A. *et al.*, *Proc. Br. Weed Control Conf.*, 7th, 1976, **13**, 717, (*activity*)

Pesticide Manual, 9th edn., 1991, No. 10390