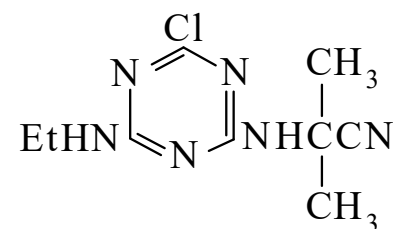




>>Entry Name: Cyanazine, BSI, ISO, WSSA

Synonym(s): 2-[[4-Chloro-6-(ethylamino)-1,3,5-triazin-2-yl]amino]-2-methylpropanenitrile, 9Cl. Bladex. Fortrol



CAS Registry Number: 21725-46-2

Molecular Formula: C₉H₁₃ClN₆

Molecular Weight: 240.695

Accurate Mass: 240.089021

Percentage Composition: C 44.91%; H 5.44%; Cl 14.73%; N 34.92%

Use/Importance: Selective herbicide

Physical Description: Cryst.

Melting Point: Mp 166.5-167°

Hazard & Toxicity: LD₅₀ (rat, orl) 288 mg/kg; LD₅₀ (rat, orl) 149 mg/kg; LD₅₀ (rat, skn) 1200 mg/kg. Exp. teratogen

Supelco: R47-1905

References:

U.K. Pat., 1966, 1 132 306; *CA*, **70**, 37844z

Anal. Methods Pestic. Plant Growth Regul., 1978, **10**, 275, (rev)

Parker, C.E. *et al.*, *J. Chromatogr.*, 1982, **242**, 77, (hplc)

Pesticide Manual, 9th edn., 1991, No. 3470

Agrochemicals Handbook, 3rd edn., Royal Society of Chemistry, 1992, A104

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, BLW750