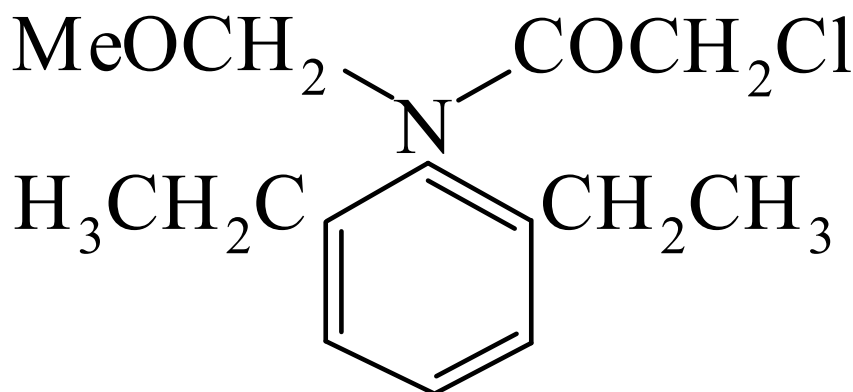




>>Entry Name: **Alachlor**, ANSI, BSI, ISO, JMAF, WSSA

Synonym(s): 2-Chloro-*N*-(2,6-diethylphenyl)-*N*-(methoxymethyl)acetamide, 9Cl. 2-Chloro-2',6'-diethyl-*N*-(methoxymethyl)acetanilide. Alagan. Alanex. Alatox. Bullet. Lasso. Pillarzo. Ralchlor. Satochlor. Alapaz. Nitala



CAS Registry Number: 15972-60-8

Related CAS Registry Numbers(s): 8070-94-8

Molecular Formula: C₁₄H₂₀ClNO₂

Molecular Weight: 269.77

Accurate Mass: 269.118256

Percentage Composition: C 62.33%; H 7.47%; Cl 13.14%; N 5.19%; O 11.86%

Use/Importance: Selective preemergent herbicide

Physical Description: Cryst.

Melting Point: Mp 39.5-41.5°

Solubility: Spar. sol. H₂O, sol. Me₂CO, C₆H₆, EtOH, EtOAc

Hazard & Toxicity: LD₅₀ (rat, orl) 1200 mg/kg. Possible skin allergen

Sigma: A6812

Supelco: 44-2443

References: