



>>Entry Name: Naled, ANSI, BSI, ISO

Synonym(s): 1,2-Dibromo-2,2-dichloroethyl dimethyl phosphate, 9Cl. Dibrom. Bromchlorphos. **Bromex**₄. BRP, JMAF. Flibol Ex. Fosbrom. Alvora

CAS Registry Number: 300-76-5



Molecular Formula: C₄H₇Br₂Cl₂O₄P

Molecular Weight: 380.784

Accurate Mass: 377.822573

Percentage Composition: C 12.62%; H 1.85%; Br 41.97%; Cl 18.62%; O 16.81%; P 8.13%

>>Variant: (±)-form

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Biological Use/Importance: Agricultural insecticide, acaricide, bactericide and fungicide

Melting Point: Mp 26°

Boiling Point: Bp_{0.5} 110°

Solubility: V. spar. sol. H₂O

Density: d₄²⁶ 1.96

Refractive Index: n_D²⁵ 1.5108

Other Data: Rapidly hydrolysed and degraded in sunlight

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 250 mg/kg. LD₅₀ (rat, skn) 800 mg/kg. OES: long-term 3 mg m⁻³; short-term 6 mg m⁻³

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