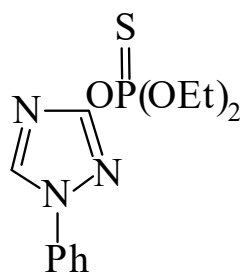




>>Entry Name: **Triazophos**, BSI, ISO

Synonym(s): *O,O*-Diethyl *O*-(1-phenyl-1*H*-1,2,4-triazol-3-yl) phosphorothioate, 9Cl, 8Cl. Hostathion. Triazofos



CAS Registry Number: 24017-47-8

Molecular Formula: C₁₂H₁₆N₃O₃PS

Molecular Weight: 313.316

Accurate Mass: 313.064999

Percentage Composition: C 46.00%; H 5.15%; N 13.41%; O 15.32%; P 9.89%; S 10.23%

Use/Importance: Insecticide and acaricide with some nematocidal props.

Physical Description: Light-brown or yellowish oil

Melting Point: Mp 5°

Solubility: Sol. most org. solvs.; v. spar. sol. H₂O

Density: d₄²⁰ 1.25143

Refractive Index: n_D²⁰ 1.5500

Other Data: Hydrolysed by acids and alkalis

Hazard & Toxicity: LD₅₀ (rat, orl) 64 mg/kg. LD₅₀ (rat, skn) 1100 mg/kg

References:

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