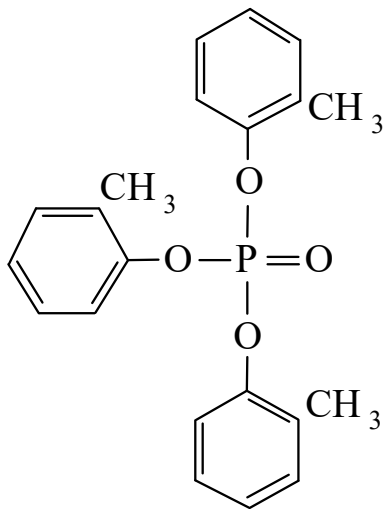




>>Entry Name: **Tris(2-methylphenyl) phosphate, 9CI**

Synonym(s): Tri-*o*-tolyl phosphate. Tri-*o*-cresyl phosphate. TOCP. Phosflex 179-C



CAS Registry Number: 78-30-8

Extra CAS Registry Numbers(s): 1330-78-5

Molecular Formula: C₂₁H₂₁O₄P

Molecular Weight: 368.368

Accurate Mass: 368.117747

Percentage Composition: C 68.47%; H 5.75%; O 17.37%; P 8.41%

Use/Importance: Flame retardant in vinyl and cellulosic plastics

Physical Description: Solid

Melting Point: Mp 90-91°

Boiling Point: Bp 410°. Bp₃ 275-280°

Hazard & Toxicity: Causes peripheral neuropathies, followed in some cases by spastic paralysis, by ingestion. Readily absorbed through skin. OES: long-term 0.1 mg m⁻³; short-term 0.3 mg m⁻³

References:

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