WELLINGTON Reporter
PRODUCT UPDATES FROM WELLINGTON LABORATORIES

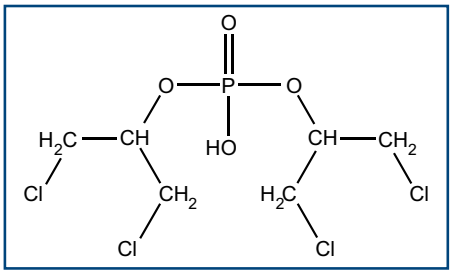
August 4, 2010

NEW PRODUCT

BDCP

The re-emergence of tris(1,3-dichloro-2-propyl)phosphate (TDCP) as a flame retardant has many researchers concerned. With applications in the production of polyurethane foam containing items, our potential exposure to this compound, which has been shown to have neurotoxic and carcinogenic effects in animals, is significant. Its use as an additive flame retardant facilitates its release into the environment and also increases the likelihood of air, water, and soil contamination. It has been reported that chlorinated organophosphates (OPs) are more resistant to degradation than alkyl- or aryl-OPs, but TDCP has been shown to be metabolized to bis(1,3-dichloro-2-propyl)phosphate (BDCP) and 1,3-dichloro-2-propanol.

For this reason, **Wellington** has synthesized **BDCP** and it is now available as a reference standard solution in acetonitrile. The availability of a reference standard for BDCP will aid researchers in detecting its presence in biological and other samples.



Catalogue Number	Product (acetonitrile)	Qty/Conc
BDCP	Bis(1,3-dichloro-2-propyl)phosphate	1.2 ml 48.5 µg/ml

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