CC: J. Durland

C. PATON
W. CLARKE
J. MASON

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Mr. K. Murahs

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PCB
J.R. Durland

Trichlor-biphenyls instead of PCB?

PCB sales only for controllable applications

Although there is no scientific evidence that PCBs are harmful Bayer have decided to cease sales of PCBs (which have recently received adverse publicity) to non-controllable applications e.g. plasticizers for chlorinated rubbers. Bayer acknowledges reports of the persistance of PCBs in the fatty tissues of animals.

By far the biggest application of PCBs is in closed systems primarily as an insulation oil in transformers and capacitors. Environmental pollution by the residues is avoided by careful handling and proper reclamation.

Nevertheless Bayer is seeking substitute products in this field. Trichlor-biphenyl might be a substitute because it has not been found to accumulate in the environment or in animal organs. This could be because trichlor-biphenyl is biodegradable or is eliminated through the action of the animal organs. If this can be proved then there would be no objections to the use of trichlor-biphenyl in the place of PCB.