JUL 16 1968

bcc: Dr. J. Early - Wash.
Dr. E. Kelly E
Dr. W. K. Johnson WJ
Dr. R. Keller JFQ
Mr. J. D. Sullivan JSU
Dr. C. Anagnostopoulos CAN

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July 15, 1968

Dr. A. R. Glasgow Jr.
Chief Pesticides Reference Standards Section
Pesticides Branch Div. of Food Chemistry
and Technology
Dept. of Health, Education & Welfare
Food & Drug Administration
Washington, D. C. 20204

Dear Dr. Glasgow:

I am sending Technical Bulletins "The Aroclor Polychlorinated Polyphenyls" and "Aroclor Plasticizers" under separate cover. These bulletins contain information on solubility in common solvents and physical properties. To preserve the highest quality as for dielectrical insulation use the Aroclors are best stored in opaque containers at normal storage conditions. In addition, I have included a paper on GLC analysis of Aroclors by Weingarten, Ross, Schlater and Wheeler.

The average chlorination value by weight is reflected by the last two numbers of the four digit number: i.e., Aroclor 1242 would have approximately 42% by weight of chlorine. The amount of unreacted biphenyl and terphenyl will vary inversely with the degree of chlorination. Aroclor 1221 may contain 15% biphenyl; Aroclor 1232 may contain 6% biphenyl and Aroclor 1260 will have <0.1%.

The chlorinated terphenyl products will contain a mixture of chlorinated o, m, and p terphenyl.

Sincerely yours,

W. R. Richard
Mgr., R & D

WRR:ms

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