Monsanto

FROM (NAME & LOCATION): J. P. Mieure - T2F

DATE: March 18, 1977

SUBJECT: Reserve Sample of Aroclor 1254

REFERENCE:

TO: J. C. Weber - B2SK

cc: W. C. Engman - 1740
W. C. Hammann - T3A
O. Hicks - T2F
R. E. Keller - T1B
A. E. Leisy - 1740
D. Wood - B2SD
P. L. Wright - A2SC

Per your request, we have analyzed recent production Aroclor 1254 to guide selection of representative material for reserve storage and for toxicological testing. According to our analyses, lot KI-02-602 is suitable for these purposes. A. E. Leisy indicates this lot appears to be representative of recent Krummrich Plant production.

The PCB composition of this lot is different from Aroclor 1254 manufactured prior to introduction of Aroclor 1016. The following table shows the homolog distribution of current and past (about 1969) Aroclor 1254.

HOMOLOG #Cl/Biphenyl	PERCENT COMPOSITION Lot KI-02-602	Circa 1969
3	<1	1
4	9	21
5	61	48
6	26	23
7	3	6

Per my 3/17/77 conversation with P. L. Wright, we will prepare, analyze and ship a solution of Aroclor 1254 in corn oil for the toxicological study. I will be on vacation the week of March 21. During my absence, Orville Hicks (4-4839) will be the contact for any analytical work related to this project.

We will schedule the necessary analytical work to select reserve lots of Aroclor 1016 and Aroclor 1242 when samples are available.

JPM

J. P. Mieure

/omc

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