FYI - Scott

D. E. Roush - St. Louis

May 2, 1972

Bill Richards
Bill Papageorge
Scott Tucker
Paul Gann
CP/JJR

THERMINOL FR SAMPLES FOR DBF ANALYSIS

Dave Miller

Bill Papageorge has requested we assemble samples of Therminol FR heat transfer fluids and forward them to Scott Tucker for a dibenzylfuran analysis on the mass spectrometer. As discussed with you on April 21, samples of the following Therminol FR material in your lab should be sent immediately to Scott Tucker for analysis.

TSR NO.	CUSTOMER
15/72	Standard Oil of California
11/72	United Merchants & Manufacturers - Argentina
2/72	Parkside Homes, Detroit
26/71	Lever Brothers, Baltimore
3/19/72 (2 systems)	Goodyear Tire Rubber Co. Apple Grove, West V

Histories of these samples are somewhat sketchy, but we will assemble what we can, next week, and transmit the information to Bill Papageorge.

Thanks for moving these out quickly.

D. E. Roush

DER/ao

MONS 205972

Aroclor SP

Monsanto INDUSTRIAL CHEMICAL CO.

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

DATE November 10, 1975 cc: R. E. Keller - T1B

SUBJECT MONSANTO PRESENTATIONS AT PCB SYMPOSIUM

REFERENCE

TO : W. B. Papageorge
B2SK

A draft of the paper "Characterization of Polychlorinated Biphenyls" for presentation at the November 19-21 PCB symposium in Chicago is attached for your review. During the preparation of this manuscript several likely questions of a sensitive nature from the audience occured to me. I am listing these questions and proposed answers for review prior to the symposium.

1. Do Aroclor products contain chlorinated dibenzofurans?

   Answer: Various researchers have reported finding chlorinated dibenzofurans in PCB products. We have duplicated these procedures and have found chlorinated dibenzofurans in PCBs from Europe, but have not confirmed their presence in Aroclor.

2. What impurities are in Aroclor?

   Answer: We have isolated low ppm quantities of chloronaphthalenes from Aroclor.

3. What impurities are in biphenyl used to manufacture Aroclor.

   Answer: Monsanto biphenyl is 99.97% pure, a remarkable purity for an organic chemical. It contains ppm levels of methyl biphenyl, naphthalene and methyl naphthalene.

4. Does this biphenyl contain dibenzofuran?

   Answer: A GC method capable of detecting 0.5 ppm dibenzofuran in biphenyl showed none detectable.

5. What Aroclors are manufactured outside the U.S.?

   Answer: ?

Jim

J. P. Mieure

ss
Attachment

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