Monsanto INDUSTRIAL CHEMICALS COMPANY

FROM (NAME & LOCATION) R. E. Keller - S. Second St. - St. Louis

DATE November 11, 1971

SUBJECT PCB'S IN PRODUCTS

REFERENCE

cc C. W. Roos - Res. 1
F. B. Zienty - GO
M. W. Farrar - Res. 1
W. R. Richard - GO
W. K. Johnson - GO
O. DeGarmo/J. F. Quinn - Res. 1
E. S. Tucker/J. P. Mieure - Res. 2

TO : W. B. Papageorge
General Offices

CONFIDENTIAL

Because of current work by regulatory agencies on probing for PCB's - we have looked at some of our key chemical products to determine if contamination exists. Overall, the products are within the very tight limits of 0.5 ppm max. PCB for food products such as eggs. On this basis, the following products, part of which are non-edible, would be expected to meet any rigid guide lines that might be set in the future.

Aspirin
Maleic Anhydride
Sodium Saccharin
Saccharin
Cresyl Diphenyl Phosphate
Santicizer 334F
Santicizer 711
Santicizer 160
Vanillin

Details of this work for 1971 production materials are summarized in the attached table. Results show that PCB's, typical of Aroclor 1242 and/or 1248, are found at levels less than 0.5 ppm in saccharin, cresyl diphenyl phosphate, Santicizer 334F, Santicizer 711, Santicizer 160 and vanillin.

Aspirin, maleic anhydride and sodium saccharin contain no detectable (<0.1 ppm) PCB.

An outside laboratory would likely find the PCB's reported in the above pharmaceutical and food ingredient products. We have to hope that the levels found would be put in proper perspective when reported to the press and others. The much lower body intake of these products relative to foods should provide for a much higher permissible level of PCB's.

We plan no additional work at this time.

REK

R. E. Keller

db
Attachment

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