

Monsanto INDUSTRIAL CHEMICALS CO.

FROM (NAME & LOCATION): R. E. Keller - T1B - St. Louis

DATE: August 15, 1975

SUBJECT: CHLORINATED DIBENZOFURANS

REFERENCE:

TO: R. Baxter
LLN - 5045

cc: H. S. Bergen - B2SI
R. A. Lidgett - LLN - 5045
J. P. Mjeure - T2F
R. H. Munch - T1B
W. B. Papageorge - B2SK
W. R. Richard - T3A
D. Wood - B2SD

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Dick,

In June this year a plan was developed with Bill Papageorge and others to learn more about chlorinated dibenzofurans in our Aroclor products. As a part of this plan it was decided that furans standards should be prepared and analytical methodology developed for the detection of at least 0.1 ppm for each furan homolog. Laboratory mixtures of monochloro-through hexachlorodibenzofurans have been prepared and characterization for homolog distribution is underway. Also, we have about one-man continuous effort on the method development work.

As part of the plan it was decided that we should determine if Bayer has carried out "in-house" work of this type. The attached June 16 memo from Dave Wood to J. N. Haggart covers a request for this information. We have had no reply to this correspondence to our knowledge. Any information or assistance you can provide on this point will be appreciated.

During the past week a publication has appeared in the literature entitled "Identification of Chlorinated Dibenzofurans in American Polychlorinated Biphenyls" by R. W. Risebrough et al. of the University of California. A copy of this paper is attached. It shows the identification of chlorinated dibenzofurans in our Aroclor products except Aroclor 1016. We are now anxious to develop our own data for comparison with this publication.

Regards,

Bob F

R. E. Keller

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Attachments(2)

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