

Monsanto

FROM (NAME & LOCATION)

Kern Sears - St. Louis Organic Research

FF
Aroclors

DATE

August 1, 1969

cc M. W. Farrar, Res. 1

SUBJECT

AROCLORS

R. E. Keller, Res. 1

W. R. Richard, WHICH

N. W. Touchette, Res. 3

REFERENCE

TO

J. R. Darby
Res. 1

Joe, has anyone studied the light stability of such biocides as DDT and 2⁴D and determined their photodecomposition products? The thought occurs to me that these compounds on photolysis might produce free chlorophenyl radicals which if close to another chlorophenyl would produce a chlorinated biphenyl similar to Aroclor. This mechanism might account for the widespread occurrence of "Aroclors" in soil and sea from pole to pole.

If there has been no study of this type, we could do the UV exposures here if Bob Keller could see to the analysis.

Kern Sears

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/sy

RZ

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