Monsanto

FROM (NAME & LOCATION) W. R. Richard - Research Center

DATE June 13, 1969

SUBJECT CHLORINATED BIPHENYL REPLACEMENTS

REFERENCE

cc Q. Thompson/R. Weiss
R. Munch/V. Saeger
J. Herber/J. Sullivan
L. Stark/P. Fowlkes

TO Elmer Wheeler - EWHEE

We are seeking chlorinated biphenyl replacements; possibly for industrial hydraulics, FR heat transfer, and dielectrics.

Compounds under consideration are ϕCl_2, ϕCl_3, chlorinated terphenyl 5442 and 5460, chlorinated paraffin trichlorodiphenyl ether, trichlorodiphenyl sulfide chloro-bromobiphenyl, dibromobiphenyl, 2,2' dichlorodiphenyl ether, tolyl xylyl sulfone.

We want relief from the DDT analytical interference problem and want compounds with greater biodegradability and less toxicity.

We have submitted Aroclor 1242, Aroclor 1254 and Aroclor 1260, 2,2' dichlorodiphenyl ether, 2,4' dichlorobiphenyl to Dr. Richard Baxter, Ruabon, for biological degradation. There is no guarantee that Dick will look at the non-Aroclor compounds. We may want screening in the U.S.

WR.

W. R. Richard

WRR:ms