Monsanto INDUSTRIAL CHEMICALS CO.

D. R. Cova - T3C

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REQUEST FOR FINAL ENVIRONMENTAL EVALUATION
OF MCS 1546 AND MCS 1547 WITH INTENT TO COMMERCIALIZE

TO R. E. Kelly
Medical Department
A2SA

Enclosed are EC-202 Data Sheets covering the new products, MCS 1546 and MCS 1547. These materials are both monochlorobiphenyls and differ only in the amounts of impurities they contain. Our tentative specifications for these products are as follows:

For MCS 1546

Biphenyl	< 0.2%
o-Chlorobiphenyl	>80.0%
m-Chlorobiphenyl	< 2.0%
Dichlorobiphenyls and more highly chlorinated biphenyls	< 0.2%
p-Chlorobiphenyl	Remainder of the composition

For MCS 1547

Biphenyl	< 0.6%
o-Chlorobiphenyl	>80.0%
m-Chlorobiphenyl	< 4.0%
Dichlorobiphneyls and more highly chlorinated biphenyls	< 1.0%
p-Chlorobiphenyl	Remainder of the composition

Of the polychlorinated biphenyls (PCBs) in the above compositions, the major portion is the dichlorobiphenyls. We do not have quantitative figures for trichlorobiphenyls and higher, but some preliminary work at Dow Chemical Co. indicates that these homologs might be in the ppm range (see attached memo - E. M. Emery to W. R. Richard on July 18, 1973). This is as we would expect from consideration of the process.

Sales of the two products are to be restricted to the Dow Chemical Co. only. Dow will convert these materials to the phenylphenols. They will dispose of byproducts from their process by incineration. They have, furthermore, signed a "Hold Harmless" agreement with Monsanto. Their tentative specifications as to content of chlorinated biphenyls, product usage and quantities and impact on environment are covered in the supplement to question 8 on the EC-202 Data Sheet.