

Monsanto INDUSTRIAL CHEMICALS CO.

FROM: NAME & LOCATION D. R. Cova - T3C

DATE March 25, 1974

SUBJECT SPECIFICATIONS FOR MONOCHLOROBIPHENYL

REFERENCE

TO W. R. Richard
T3A

H. S. Bergen - B2SL
T. L. Gossage - B2SL
C. Paton - B2SC
J. R. Savage - B2SL

The present specifications for polychlorobiphenyls (PCBs) in Monochlorobiphenyl (MCP) are a maximum of 1.0% and 1.3% for low-para and high-para MCP, respectively. Most of this PCB is 2,2'-Dichlorobiphenyl. The samples we have generated in the laboratory have been found to contain 440 to 500 ppm of PCBs other than 2,2'-Dichlorobiphenyl. Would there be an advantage to us to split this out in the specifications? The new specifications would be as follows:

	<u>Low-Para MCP</u>	<u>High-Para MCP</u>
Biphenyl	0.6% max.	0.6% max.
o-Chlorobiphenyl	80.0% min.	75.0% min.
m-Chlorobiphenyl	4.0% max.	5.5% max.
p-Chlorobiphenyl	Remainder	14.0% min.
2,2'-Dichlorobiphenyl	0.9% max.	1.2% max.
All other PCBs	0.1% max.	0.1% max.

D. R. Cova
D. R. Cova

js

MONS 021732