

Monsanto

FROM (NAME & LOCATION): M. A. Terpstra - St. Louis, Q2E

DATE : May 23, 1977

SUBJECT : MCB & REFINED ODCB IMPURITIES

REFERENCE : Memo MAT to FB, 5/6/77

TO : F. Basile
1740

CC: D. P. Alt - 1740
H. C. Carder - E1SF
C. Dobbins - F4EF
F. J. Helmer - 1740
R. G. Kaley - T2B
W. B. Papageorge - E3NJ
M. A. Pierle - E1JF
W. R. Richard - R2E
C. C. Sisler - R2E

Results of Items 4 and 5 of reference memo are given below plus oxychlor MCB:

	MCB				ODCB
	WGK	Oxy-Chloro	PPG	Dow	PPG-99%
	NB225596	Lab. Refined	QH30354	MM03266	For DCNB
	NB1066129	NB9520205	NB225599	NB225599	GATX97749
Material (ppm)	NB225599	NB1065641			NB1066130
<u>ChloroBiphenyl</u>					
Monochloro	8.5	0.6	25	15	-
Dichloro	0.2	ND <0.05	0.07	0.06	ND <0.05
Trichloro	ND <0.1	ND <0.05	ND <0.05	ND <0.05	5.6
Tetrachloro	ND <0.1	ND <0.05	ND <0.05	ND <0.05	0.08

The following suggestions were received:

1. Pierle - Check NCB residues for PCB's or nitrated PCB's.
2. Burke - Check benzene from 3 suppliers for biphenyls.
3. I have requested that Applied Science make certain that PCB's are not formed in the instrument.

Samples of the MCB process were received 5/23 and will be run as soon as possible.

M. A. Terpstra
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