Monsanto

FROM (NAME & LOCATION) R. H. Munch - Organic Research - South Second Street

DATE : September 4, 1968

SUBJECT : Aroclor Expansion - WGK (CEA 1800)
Risk Analysis

REFERENCE :

TO : H. F. Ray Mfg. Rep.
R. S. Yates Proj. Mgr.

cc:

D. C.	Armstrong	WGK
V.	Brawley	WGK
M. S.	Feld	WGK
T. E.	Greenman	WGK
C. W.	Hamlet	WGK
J. R.	McClain	WGK
R. M.	McCutchan	WGK
J. W.	Molloy	WGK
P.	Verna	WGK
H. S.	Bergen	HBERG
D. B.	Hosmer	DHOSM
R. E.	Howard	RHOWA
R. M.	Kountz	RKOUN
W. A.	Kuhn	WKUHN
W. R.	Richard	WRICH
R. J.	Stratmeyer	RSTRA
M. E.	Gibbs	Res. 1

In your risk analysis for the WGK Aroclor Expansion project, you list on the worksheet under heading 3.a.1. the possibility that there will be an inadequate supply of catalyst to the #6 chlorinator and under 3.b.1. the possibility of unstable product. For both these you list as the trigger to signal trouble, "Lab analysis indicates unstable product or off-spec material." It would seem to me that a much earlier warning of trouble in these areas could be obtained by analyzing the contents of the $FeCl_3$ mix tank and the #6 chlorinator to determine the concentration of catalyst present in them. Low catalyst level will produce unstable material. I recommend that catalyst level in #6 chlorinator be determined regularly to give early warning of liklihood of unstable product being produced. Perhaps the $FeCl_3$ mix tank should be analyzed regularly too.

R. H. Munch

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