

Monsanto

FROM (NAME & LOCATION): Cumming Paton - General Offices

DATE March 23, 1970

SUBJECT AROCLOR 1260/5442

REFERENCE

TO : J. E. Smith
JSMIT

cc: M. W. Farrar - JFQ Research
W. E. Maledon - WMALE
W. B. Papageorge - WPAPA
W. E. Schalk/J. E. Springgate
W. F. Waychoff

A-5442
In their understandable rush to get Aroclor 1254/1260 replacements, I think Functional Fluids may forget occasionally that Plasticizers exist. As you know, we were told about the termination of Aroclor 1260 at Anniston only after the decision was made. I understand the decision to move all Aroclor 1260 to WGK was made to free up a tank for a new Pydraul blend containing Aroclor 5442.

Our 1970 forecast on Aroclor 1260 is as follows:

	<u>Anniston</u>	<u>WGK</u>
Aroclor 1260	100 M Lb.	200 M Lb.
Aroclor 1260 (10% Tol.)	375 M Lb.	0

I don't see any major problem with Aroclor 1260 per se provided I get two-three weeks lead time to notify customers. Please don't ship remaining Aroclor 1260 at Anniston to WGK till this is done.

We may have a customer problem concerning Aroclor 1260 (10% Toluene). We have one customer who buys ~180 M pounds/year. The switch will increase his freight costs.

See Keenig
The switch by Functional Fluids to Aroclor 5442 will put greater demands on an already tight terphenyl situation. Can we be assured that HB-40/Aroclor 5460 plasticizer sales will be protected. I guess Ed Maledon will keep an eye out for lower plasticizer costs because Functional Fluids will now share start-up and costs of the new solids plant.

Finally, the greater use of terphenyl derivatives as Aroclor 1254/1260 replacements could bring a sell-out situation on the new solid plant closer than 1974. I

DSW 201417

Don't forget we asked them to absorb this extra freight.

this is taken care of by new flow as it's not sold on an YTD basis.

will follow normal accounting practices

STLCOPCB4059482

remember seeing a report come from Anniston during our search for a low color Aroclor 5460 process in which it was stated that RAlCl_2 catalyst allowed faster chlorination than FeCl_3 . This has been demonstrated in the laboratory. Perhaps it should be studied as a means of cost reduction and de-bottlenecking. Perhaps Martin Farrar could comment on this. I would like this potential catalyst to be mentioned in our FDA petition on Aroclor 5460 to avoid later problems. If it could not be used with Aroclor 5460 for FDA reasons, perhaps it could be used with Aroclor 1268/5060/5442 to allow better production schedules.

*Release of Miller trial
Al as AlCl_3 . Engineering decisions go with
 FeCl_3 catalyst rate. Will follow up with G. Miller.
M. L. L. L.*

Cumming Paton

/dbw

DSW 201418