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bcc C. Paton/J. J. Roder
1070 H. R. Ford/C. L. Clay

October 26, 1971

Mr. Pete Lee
Dow Badische Co.
Drawer 3025
Anderson, S.C. 29621

Dear Mr. Lee:

Your order for two five-gallon containers of Therminol FR-0 heat transfer fluid has been entered on your purchase order No. 48938. Thank you.

Per my telephone call with Mr. Hall and you of October 21, the Therminol FR series fluids contain polychlorinated biphenyls (PCBs) of various types.

The PCB concentration in our environment has increasingly come under the scrutiny of various governmental agencies and scientific laboratories. In some studies, certain PCBs have been found to be a persistent environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. Accordingly it is very important that PCBs be kept out of the food chain.

Extreme care must be taken by all users of PCB containing products to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise.

We do offer a disposal service for used Therminol FR fluids. They should be collected and returned, freight prepaid, to our Sauget, Ill. plant for incineration. A nominal charge of 3¢/lb. is assessed to all material disposed of by incineration. I have attached a brochure giving some details on this incineration service.

Inasmuch as you have a small volume system, you may wish to consider conversion to a non-PCB containing heat transfer fluid. I can recommend either Therminol 55 or Therminol 66 as an alternate fluid for your application. At the lower temperatures in your process, Therminol 55 would seem to be

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most suitable. I have attached physical property data for these two fluids.

Neither Therminol 55 nor Therminol 66 have the fire resistant characteristics of the Therminol FR series fluids. In this regard we suggest you contact your insuring agency to determine the need for additional protective devices to minimize fire risk. Inasmuch as the Therminol fluid is heated in a secondary system using steam or hot water as the primary heat source, it does not seem likely that additional fire protection equipment would be required other than the normal sprinklering system of the plant.

If we can be of assistance toward converting to a non-PCB containing Therminol fluid, please feel free to contact our Therminol representative in your area who is Mr. Carl Clay located in Atlanta or me in St. Louis. Mry Clay's address is:

Monsanto Company
320 Interstate N. Parkway
Suite 500
Atlanta, Ga. (404) 432-7111

Very truly yours,

D. E. Roush
Product Specialist
Heat Transfer Fluids

cs

Enclosures

cc Mr. R. Hall

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