bcc: C. Paton/D. E. Roush
J. J. Roder
J. S. Pullman - 1650

September 24, 1971

Dr. Albert Frey
Sandoz Wander Inc.
East Hanover Township, N.J. 07936

Dear Dr. Frey:

We are confirming previous conversations with your Mr. George Mahe concerning the use of the Therminol FR heat transfer fluid. The Therminol FR fluid as indicated on the labels attached to the containers contains polychlorinated biphenyls (PCB) of various types.

As you are undoubtedly aware, 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 persistent, an environmental contaminant and, possibly, injurious to certain forms of bird, aquatic and animal life. In addition, the FDA has established guideline levels of less than 5 ppm in meat, fish and poultry and less than 0.5 ppm in eggs and less than 0.2 ppm in milk. Accordingly, it is very important that PCBs be kept out of the food chain to prevent seizure and destruction by the FDA.

We would like to take this opportunity to remind your firm of the extreme care that 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. Some specific applications where the use of the Therminol FR series should definitely be avoided are in heat transfer systems involving food or food related products, animal feeds, pharmaceutical products, packaging materials involving any of these items, and buildings where any of these items are manufactured or stored.

Since your system involves food, we confirm again that we will no longer supply any additional Therminol FR fluid for makeup. We urge that you proceed immediately with the conversion of your

FR system to the non-PCB Therminol 55 which has been provided at no charge. We have also provided labels which can be used to attach to the used Therminol FR containers for shipment back to us for disposal. We will also pay the freight back for disposal as well as the normal disposal charge.

We again urge that you proceed without delay to convert your Therminol FR system to prevent any possible FR contamination with your product.

Your cooperation at this stage is vital to avoid possible further contamination of the food chain.

Very truly yours,

John Mason
Group Director
Monsanto Industrial Chemicals

cc

cc George Mahe