

cc: C. L. Bradford  
P. L. Slayton - 1650  
J. J. Roder

October 20, 1971

Mr. Al James  
Standard Chemical Products  
480 Alfred Avenue  
Teaneck, New Jersey

Dear Mr. James:

This letter confirms our telephone discussions concerning the use of Therminol FR-1 or Santovac 1 in your diffusion pumps on your soap making equipment.

As indicated on their labels, Santovac 1 and Therminol FR-1 contain polychlorinated biphenyls (PCBs) of various types. As you are aware, PCBs have 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. Accordingly, it is important that PCBs be kept out of the food chain.

We want to remind your firm of the extreme care that must be taken by users of Santovac 1 and other PCB products to prevent any entry into the environment through spills, leakage, use, disposal, vaporization or otherwise. Some specific applications where these fluids should definitely not be used are in vacuum systems involving food or food-related products, animal feeds, pharmaceutical products, packaging materials involving any of such items and buildings where any of these items are manufactured or stored.

Since your vacuum system is involved in making soaps and accidental contamination is possible and since soaps after use enter disposal systems which would return PCB to the environment, you should replace your present fluid with non-PCB fluids. Please contact your pump supplier for his recommended replacement product.

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Used PCB containing fluids should be returned to Monsanto Company,  
W. G. Krummrich Plant, Sauget, Illinois 62201, Attention:  
Supervisor Dept. 246 for proper disposal. This service is per-  
formed at cost, which is \$0.03 per pound.

Very truly yours,

R. E. Hatton  
Technical Manager  
Hydraulics and Lubricants

/pep

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