JOHN MASON - B2SA

July 19, 1971

THERMINOL FR SERIES PRODUCTS

H. S. Bergen
T. L. Gossage - B2SL
W. B. Papageorge - B2SK
C. J. Smith

J. R. Fallon - B2SH

The problem we are experiencing due to East Coast Terminals contaminating fish meal as a result of a leak in their (Holo-Flite) drying equipment makes it clear that our control of end uses of the Therminol FR Series is far from satisfactory. We must take immediate action to terminate sales of Therminol FR Series products to the following accounts where there appears to be a potential danger of food or animal feed contamination:

LIST NO. 1
Badger Byproducts
BSP Corporation
Commodity Pasteurizing
* East Coast Terminals
National Byproducts
Rietz Corporation
Sav A Stop
Patterson Company

* Action already taken

All of these accounts must be visited this week (July 19-23) and advised of our decision. We should arrange to take back any material in stock, and also the fluid currently in the equipment for incineration at W. G. Krummrich. Where possible we should offer free replacement fluid with Therminol 55, 66, or 77 as appropriate.

To avoid future problems in this area you should contact Western Precipitation (and any other manufacturers of similar equipment) and advise them of the action we have taken. It should be made crystal clear that under no circumstances will we sell the Therminol FR Series of products for use in food or feed applications. We will accept no future orders unless they are willing to disclose the end use applications for which it is required.

Advise me in writing no later than Monday, July 26, that this action has been taken.

In addition to the above, you should arrange to visit the following companies who are users of the Therminol FR Series of products and are known to be manufacturers of pharmaceuticals, flavors and fragrances. You should obtain definite proof that end use of the Therminol FR Series of products does not result in any possibility of contamination of pharmaceuticals or other products destined for human or animal use or consumption

LIST NO. 2
Abbott Labs
Parke-Davis
Pfizer Corporation
Sandoz Pharmaceuticals
International Flavors & Fragrances

If your investigation indicates there is the slightest possibility of contamination you should immediately terminate sales of all Therminol FR Series products and take action as outlined for List No. 1. As all of these accounts are also served by the Food & Fine Business Group, you should ensure that they are fully informed of the problem.

Advise me of your results in this investigation no later than Friday, July 30.

Although there is no current indication that the use of Therminol FR Series products for "curtain coating" applications is causing contamination problems, I think replacement by 55, 66, or 77 would be an advisable precaution. Please take the necessary action and report progress to me by the end of this month.

To ensure that in the future we have complete control over all end uses of Therminol FR Series sales, I am attaching hereto a procedure which must be implemented effective Monday, July 26. Please take the necessary action and ensure that all interested parties are advised.

JOHN MASON

/jf

Attachment

PCB - MKtg

Monsanto

FROM (NAME & LOCATION) H. S. BERGEN - ST. LOUIS

DATE January 28, 1971

SUBJECT AROCLOR 1242 DIELECTRIC VS. TRICHLOROBIPHENYL OXIDE DIELECTRIC

REFERENCE Your memo of Jan. 14

TO P. G. Benignus- PBENI

CC: J. R. Fallon JFALL
T. L. Gossage TGOSS
R. H. Munch - JRM
W. R. Richard WRICH
J. R. Savage JSAVA
W. B. Papageorge WPAPA

Thank you for your comments on trichlorobiphenyl oxide. This information was most timely and one that we must consider quite carefully.

In general I agree with your recommendation and I think the key information which we should develop quite rapidly are the following:

1. Get our own information on electrical quality.

2. Get information on cost as you suggested.

3. Get biodegradability and dioxin content information from an ecological and toxicity viewpoint as well as the normal toxicity information.

I would not immediately get into the study of arcing characteristics or the capacitor PPL film until we have a better feeling of economics, profitability, and toxicity and ecological factors.

While I certainly agree that it may be to Monsanto's advantage to come up with something more relating to Aroclors we certainly cannot hide our head in the sand about competitive type technologies in this important area. This, of course, is even further emphasized because of our own interest in DPO, as well as competition from Dow and Stauffer. We must be knowledgeable about this whole area of dielectric fluid competition. If PCB's were ruled out tomorrow by government agencies it seems quite likely to me this could be the closest thing to F.R. dielectric material and if this should happen, we better know about it and be prepared to do something about it. Consequently, I am asking W. Richard, W. Papageorge, R. Munch and J. Savage to get this fully involved in their programs.

H. S. Bergen

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