March 2, 1966

Mr. L. A. Hansen
Chief, Industrial Hygiene Section
State of Washington
Department of Labor and Industries
Olympia, Washington

Dear Mr. Hansen:

Your letter of February 18 requesting information on our Therminols directed to our New York office has been forwarded to me for reply.

We make three Therminols, identified as Therminol FR-1, Therminol FR-2 and Therminol FR-3.

These are heat transfer grades of our Aroclors or chlorinated biphenyls. Specifically then, they are biphenyls chlorinated to 42%, 48% and 54% respectively.

I have enclosed a technical bulletin describing the uses and physical properties for these fluids. The last page of text summarizes our safe handling recommendations.

There is enclosed also a reprint of chronic vapor inhalation studies done at Kettering Laboratories on Aroclors 1242 and 1254. Enclosed also is a copy of the AIHA Hygienic Guide for these two chlorodiphenyls.

Although chronic inhalation studies have not been done with Aroclor 1248, our acute toxicity information, manufacturing, handling and use experience indicate that this material is about the same order of toxicity as Aroclor 1254.

If you have further questions about these fluids or any other Monsanto products, please write directly to me or our Medical Director, Dr. R. Emmet Kelly, here in St. Louis.

Very truly yours,

Elmer P. Wheeler
Manager, Environmental Health
Medical Department

EPW:mjb

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