March 30, 1972

Dr. L. R. A. Bradshaw
Pesticide Section
Division of Toxicology
Food Advisory Bureau
Department of National Health and Welfare
Ottawa, Ontario
KIA OL2
CANADA

Dear Dr. Bradshaw:

In response to your letter dated March 24th, I have enclosed copies of literature relating to the subject of commercial heat transfer fluids supplied by Monsanto.

You will note that we do not manufacture or market diphenyl oxide, although we continue to evaluate this type of material for possible commercialization. Our current line of heat transfer fluids are hydrogenated or alkylated aromatic materials. No oxygen or halogens are present.

The PCB-containing heat transfer fluids used in the food industry in the past were Therminol FR-0 (Aroclor 1242 plus chlorinated benzenes), Therminol FR-1 (Aroclor 1242), Therminol FR-2 (Aroclor 1248) and Therminol FR-3 (Aroclor 1254).

Our known competitors in the heat transfer fluids business include Dow Chemical Company, Union Carbide Company, Mobil Oil Company, Humble Oil Company, Sun Oil Company, and Cities Service Oil Company.

I have enclosed a bulletin in which we describe flushing and cleanout procedures. We offer to incinerate the flush fluid, as well as the old PCB fluid.

A toxicology summary on our Therminol 55 and Therminol 66 are attached.

I hope you find this information useful. If I can be of further service, please let me know.

Sincerely,

W. B. Papageorge
Manager
Environmental Protection

WBP/tgl

enclosures