bcc: Mr. Howard Bergen - GO
Mr. Bill Maddox - NY
Mr. Fred Sturm - NY

March 8, 1961

Mr. J. G. Sullivan
O. E. Linck Company
Clifton, New Jersey

Dear Mr. Sullivan:

Mr. Howard Bergen of our company has asked that we answer your request for oral toxicity information on Aroclor products. We have acute oral data on Aroclor 1242 and Aroclor 1254. These data are 4.15 ml/kg for Aroclor 1242 and 3.10 ml/kg for Aroclor 1254, both in rats.

I do not have chronic oral toxicity information on these products since we do not consider them as advisable for use in food products. The really significant problem in handling Aroclors comes from the possibility of dermatitis through repeated skin contact and the possibility of systemic effects through repeated inhalation of vapors in excessive concentrations.

As you probably know, the American Conference of Governmental Industrial Hygienists has established a Hygienic Standard or Maximum Allowable Concentration (MAC) for an eight-hour working day for two of the Aroclor products. These data are for Aroclor 1242, 1 milligram per cubic meter and for Aroclor 1254, 0.5 milligram per cubic meter.

We suggest to customers who handle these products that care be taken to avoid extensive exposure to the unprotected skin and to excessive vapors. Monsanto and its customers have handled many millions of pounds of these products with no difficulty, keeping these simple handling precautions in mind.

If we can be of any further help, please let us know.

Sincerely,

R. Emmet Kelly, M. D.
Medical Director

JTG
REK:pjk

DSW 018279

STLCOPCB4004823