MITSUBISHI MONSANTO CHEMICAL COMPANY

FROM LOCATION : Tokyo

DATE : December 9, 1968

SUBJECT : Bran Oil Poisoning by Kaneclor

REFERENCE : MKKA

cc: Messrs.
W. Richard - St. Louis
P. G. Benignus - "
D. Roush - "
S. Shaw - "
✓ J. R. Durland - Tokyo
✓ H. Shiromizu - "

TO : Mr. D. A. Olson
Monsanto Company
St. Louis, Mo.

Dear Mr. Olson:

If you are informed of the recent case of bran oil poisoning by chlorinated biphenyl used as a heat transfer fluid at an edible oil manufacturer in Japan, you must wonder how such could happen. By the official investigation and inspection, now it is 100% certain that the Kaneka's product leaked through pinholes (See attached excerpts from Japan Times). A great deal of sensation is prevailing all over the country. In order to defend chlorinated biphenyl from further censure, a director of Kaneka came to MMK to ask for help from MC. He told us that they dearly need technical data and literature which can convince the Welfare Ministry that the chlorinated compound as a heat transfer medium can be and is used quite safely, for many years in the United States and many other countries in the world. He is afraid that, if otherwise, the Government may classify chlorinated biphenyl as a poisonous drug and, if so, all kinds of troublesome regulations, whether necessary or unnecessary, will be imposed on users for the handling of the "drug."

We are collecting data ourselves but, in view of the importance of the matter, we would most appreciate your providing us with the information which may answer the following questions?

1. What kind of hygienic regulations are prescribed or excersised, in U.S., to handle chlorinated biphenyl from toxicity standpoint?
2. What data or literature are available as concerned with human toxicity of chlorinated biphenyl?

Kazuo Hoshino
Director of Marketing