

MITSUBISHI MONSANTO CHEMICAL COMPANY

DEC 18 1968

FROM LOCATION : Tokyo
DATE : December 9, 1968
SUBJECT : Brain Oil Poisoning
by Kanosler
REFERENCE : MEMO

cc: Memoirs.
② → W. Richard - St. Louis
P. C. Gersthaus - "
D. Rouch - "
S. Shaw - "
J. R. Durand - Tokyo
H. Shirozizu - "

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

COPY

① To *Chen* *Whelan*

Dear Mr. Olson:

If you are informed of the recent case of brain 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 Kanada's product leaked through pipelines (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 misuse, a director of Kanaka came to MCK to ask for help from MO. He told us that they deeply need technical data and literature which can convince the Welfare Ministry that the chlorinated compound as a heat transfer medium can be used safely and quite safely for many years in the United States and other countries in the world. He is afraid that, if otherwise, the Government may classify chlorinated biphenyl as a food poison and, if so, all kinds of troublesome problems, whether necessary or unnecessary, will be imposed on us for the handling of the "drug".

We are collecting data even liver fat, from one of the 100 cases of the cancer, we could not appreciate the similarity with the information which you and our colleagues have.

1. What kind of regulatory regulation has been set for or considered, in U.S., to handle chlorinated biphenyl from toxicity standpoint?
2. What data or literature are available to establish the acute toxicity of chlorinated biphenyl?

Kenji Morikawa
Kenji Morikawa
Director of Research

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