JUN 23 1969

MITSUBISHI MONSANTO CHEMICAL COMPANY

YOKKAICHI PLANT

CABLE ADDRESS
MONKASEI YOKKAICHI

1, TOHO-CHO, YOKKAICHI, JAPAN

HEAD OFFICE
TOKYO

June 18, 1969

Your Reference
Our Reference

cc: Messers.
D. Danna-St.Louis
W.A. Kuhn- "
S. Fujii-Tokyo
S. Matsuno- "
K. Murakami-Yokkaichi
K. Matsuo- "

Mr. Jack T. Garrett
800 N. Lindbergh Blvd.
St.Louis Mo.

Dear Jack,

Re: Toxicity Data
Liquid Aroclors (Biphenyl)
Montars (Biphenyl)
Solid Aroclors (Terphenyls)
Montars (Terphenyl)
Biphenyl
Santowax
HB-40

MMK had just started manufacturing Aroclors (CPH) 1242, 1248, 1254 & 1260. Next year they will start manufacturing Biphenyl-Santowax-HB-40. Later Solid Aroclors.

They would like to receive any information or advice concerning toxicity for plant and customer you may wish to send.

I have given them the following general information:

1. Take normal precautions to keep Aroclors from skin during sampling, filter cleaning, drumming, Montar drawing, etc.

2. Change clothing that has been splashed with Aroclor.

3. Always wash skin after contact.

4. Always wash hand with soap & water before eating.

5. Avoid breathing

   a. Hot Aroclor vapors
   b. Hot Montar vapors
   c. Biphenyl vapors

6. Anniston has experienced no known toxicity problems from contact with Aroclors (liquid or solid), Biphenyl, Santowaxes, Montars HB-40 or Biphenyl Coke.

   Exceptions to Above.

   (1) One lime rash problem

   (2) One nose bleed when exposed to hot Aroclor vapors

   (3) One-extreme sensitivity to Cycidal phenyl ether

7. Advice on hazards of handling hot material has also been given.

A toxicity incident involving ingestion of a chlorinated biphenyl (Kanechlor-1248-Kanegafuchi Chemical Co.) was reported in Japan over a year ago. The material was used as a heat transfer agent in a rice extraction process. A small leak in the coil contaminated a large amount of extracted oil. Apparently, the rice oil was eaten by a number of people over an extended period. Some developed skin blotches (Black-on Face) also reported was internal damage (Liver). You probably have this information. However, if you wish more information, I believe Mr. S. Fujii at MMK Tokyo can obtain it for you.

Please send any information you have to Mr. S. Fujii. Also send a copy to me at Anniston.

Regards,

Burns Swerson

Anniston

MONS 090403