MITSUBISHI MONSANTO CHEMICAL COMPANY

YOKKAICHI

CABLE ADDRESS
MONKASEI YOKKAICHI

1, TOHO-CHO, YOKKAICHI, JAPAN

HEAD OFFICE
TOKYO

June 18, 1968

Your Reference
Our Reference

cc: Messers.
B. Banna-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 Arecolors (Biphenyl)
Mentars (Biphenyl)
Solid Arecolors (Terphenyls)
Mentars (Terphenyl)
Biphenyl
Santovar
HB-40

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

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 Arecolors from skin during sampling, filter cleaning, drumming, Mentar draving, etc.

2. Change clothing that has been splashed with Arecolor.

MONS 087492

3. Always wash skin after contact.

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

5. Avoid breathing

   a. Hot Arocler vapors
   b. Hot Mentar vapors
   c. Biphenyl vapors

6. Anniston has experienced no known toxicity problems from contact with Arocolors (liquid or solid), Biphenyl, Santovaxes, Mentars HB-40 or Biphenyl Coke.

   Exceptions to Above.

   (1) One lime rash problem

   (2) One nose bleed when exposed to hot Arocler 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 Severson