September 1, 1970

Mr. C. T. Russell
E.I. DuPont de Nemours & Co.
Textile Fibers Department
Seaford, Delaware 19973

Dear Mr. Russell:

Your inquiry concerning the toxicity of Aroclors 1260 and 5442 as well as for Santicizer M-17 has been referred to me for reply.

The only toxicity information that we have is as follows:

Aroclor 1260

Acute Oral LD_{50} - Mixed Sex Rats - 50% solution in corn oil - 10,000 mg/kg. Classed as practically non-toxic.

Skin Absorption Minimal Lethal Dose Rabbits - females - 50% solution in corn oil. 1260 2000 mg/kg. Classed as mildly toxic.

Aroclor 1260 is no longer available.

Aroclor 5442

Acute Oral LD_{50} - Mixed Sex Rats - 50% solution in corn oil - 10,600 mg/kg. Classed as practically non-toxic.

Skin Absorption Minimal Lethal Dose Rabbits - females - 50% solution in corn oil - 1260 2000 mg/kg. Classed as mildly toxic.

Santicizer M-17

Acute Oral Minimal Lethal Dose - Rats - mixed sex - 4000 5000 mg/kg Classed as slightly toxic.

Acute Oral Minimal Lethal Dose - Rabbits - Mixed Sex - 2000 3500 mg/kg. Classed as slightly toxic.

Vapor Inhalation - mixed sex - Rats - 6 hour exposure at ambient temperature - No deaths during exposure nor during the 7 day observation period. Slight drowsiness during the exposure period was the only untoward sign produced.

DSW 020168

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In studies with human volunteers, Santicizer 17 was found to be neither a skin irritant, fatiguing agent, nor a sensitizer when there was repeated skin application or exposure.

If I may be of further service please contact me directly.

Sincerely yours,

William H. Hunt, Ph.D.
Toxicologist
Medical Department

WHH/ebv
cc; W.S. Clark
F.W. Miller

DSW 020169

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