

Monsanto

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Santophen I

FROM: J. C. McPhillips - B3SC

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DATE: March 14, 1979

SUBJECT: S-I ENVIRONMENTAL SAFETY

REFERENCE:

TO: J. D. Wilson

J. S. Metcalf
M. E. Miller
R. G. Pier
D. P. Roman

As discussed on 3/9, Lehn & Fink has advised that they will be making no decision on their LDC formulations this year. This brings up additional time on our prototype registration. However, they also mentioned that they are concerned about their future of phenolics from an environmental standpoint. Sterling Drug has supposedly advised them not to consider phenolic in future products.

This environmental issue seems to be the next issue we have to address ourselves to at Lehn & Fink and for that matter, in all of the biocide industry. Therefore, I am requesting that R&D put together a formal presentation together on the Human and Environmental Safety of Santophen I, to be presented to Lehn & Fink and possibly sent to our I/I customers. A suggested outline of presentation would be:

I. EPA Registration Data

- Studies we have done. Results.
- Studies that have to be done. Timetable.

II. Environmental Issues

- WGK S-I complex - effluent.
- In the environment:
 - o Biodegradability of S-I
 - o Aquatic toxicity
 - o Bio-concentration/accumulation
 - o Dioxins???
 - o Etc.

III. Human Safety

- Maybe compared to quats

Please advise how much time you need to complete such a presentation. If you have any questions, please call.

J. C. McPhillips

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