Monsanto

FROM (NAME & LOCATION): D. R. Miller - T3F

DATE: June 28, 1972 cc W. R. Richard - T3A

SUBJECT: ACUTE FISH STUDIES
MISCELLANEOUS MATERIALS

REFERENCE:

TO: G. J. Levinskas - A2SA

File - Thermodynamics general

Please initiate fish kill studies on the six samples enclosed (or separately carried). The six samples are identified as follows:

PFP OR 179451 (A) through (F)

We wish to know which of the samples, if any, are particularly toxic to fish. In other words, this is more a screening type operation than a TL_{50} measurement. I suggest we use only one fish species - probably the trout for comparison with the Dow data on Dowtherms. As to concentrations, I would suggest the following:

Sample	Milligrams/Liter (ppm)				
	0.01	0.1	1	10	100
Hi-boiling fraction A	X	X	X	X	
Cut #4 B		X	X	X	X
P-Kumyl ether C	X	X	X	X	X
3-ring fraction of unirradiated D		X	X	X	X
3-ring fraction of irradiated E		X	X	X	X
Treated ARoCLoR 1260 F	X	X	X	X	X

These samples all relate to future moves in the heat transfer business area, so we are anxious to get the data as soon as feasible. Thanks for your help, George.

Dave

D. R. Miller

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IM-10 REV. 11-65