STATUS REPORT TO

MONSANTO COMPANY

TWO-YEAR CHRONIC ORAL TOXICITY STUDY WITH AROCLOR 1260 IN BEAGLE DOGS

DECEMBER 10, 1970

IBT NO. C7299

After 18 months of a proposed two-year chronic oral toxicity study of Aroclor 1260 administered to purebred beagle dogs at dietary levels of 1, 10 and 100 ppm, the following abnormalities have been noted:

1) Males receiving 100 ppm and females receiving 100, 10 or 1 ppm have displayed lower weight gains than those for the untreated controls.

2) Two fatalities have occurred: a 100 ppm female after 29 weeks and a 100 ppm male after 33 weeks. Gross and histologic examination revealed severe chronic peritonitis in the female and moderate pneumonia in the male.

3) Twelve and 18-month clinical determinations have revealed moderate increases in serum alkaline phosphatase activity among animals receiving 100 ppm.

No significant abnormalities have been noted in the remaining parameters:

Food Consumption
Behavioral Reactions
Hematologic Studies
Urine Analyses

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