PROJECT NO. 72-82
REPORT FILE

Industrial BIO-TEST Laboratories, Inc.
1810 FRONTAGE ROAD
NORTHBROOK, ILLINOIS 60062

BTL-72-82

REPORT TO

MONSANTO COMPANY

RESULTS OF FOUR-DAY STATIC FISH TOXICITY STUDIES
RAINBOW TROUT AND BLUEGILLS
BTL. NO. 72-82

IBT NO. A-1887

Test Material: Aroclor 1242 Lot No. KK-475
Description: Clear Liquid
Form Administered: 1.0 and 10.0% (w/v) solution in acetone

Concentration of Test Material (ppm)	Parameter	Rainbow Trout Elapsed Time (hours) 1-6	24	48	72	96	Total	Bluegills Elapsed Time (hours) 1-6	24	48	72	96	Total
100.0	pH	-	-	7.0	6.7	7.0	-	-	7.0	6.7	-	-	-
	DO	-	-	3.0	3.8	4.3	-	-	6.0	2.0	-	-	-
	°C	-	-	12.0	11.6	11.6	-	-	21.5	21.5	-	-	-
	Survivors	10	10	8	2	0	0	10	6	0	0	0	0
10.0	pH	-	-	-	-	7.1	-	-	-	-	-	-	-
	DO	-	-	-	-	3.8	-	-	-	-	-	-	-
	°C	-	-	-	-	11.6	-	-	-	-	-	-	-
	Survivors	10	10	10	10	9	9	10	10	10	10	10	10
1.0	pH	-	-	-	-	-	-	-	-	-	-	-	-
	DO	-	-	-	-	-	-	-	-	-	-	-	-
	°C	-	-	-	-	-	-	-	-	-	-	-	-
	Survivors	10	10	10	10	10	10	10	10	10	10	10	10
0.1	pH	-	-	-	-	7.0	-	-	-	-	-	-	-
	DO	-	-	-	-	2.4	-	-	-	-	-	-	-
	°C	-	-	-	-	11.6	-	-	-	-	-	-	-
	Survivors	10	10	10	9	9	9	10	10	10	10	10	10

Four-Day TL_{50} = > 10.0 ppm < 100.0 ppm > 10.0 ppm < 100.0 ppm
25 32

Comments: Clouded water and oil droplets on the surface were noted at the 100 ppm test level.

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DSW 034536

STLCOPCB4018363

DSW 034537

STLCOPCB4018364