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103.1.3 Fish

DATA REVIEW NUMBER: ES J1

TEST: Fish Acute 96 hour LC₅₀ (coldwater)

SPECIES: Rainbow Trout (Salmo gairdneri)

RESULTS: 96 hour LC₅₀ = 20.9 ppb (15.8 - 27.9 ppb) 95% C.L.

No discernible effect level = 8.4 ppb.

Statistical analysis of data by Finney Probit gave the following results:
Chi² = 8.279 < chi² (6df) = 12.6, indicates data are not heterogenous

3.540	M	21.065	LD50	9.149	LD10	48.457	LD90
0.315	YINT	17.032	LOCL	6.2C6	LOCL	33.654	LOCL
1.916	LW M	26.053	UPCL	13.489	UPCL	69.868	UPCL
8.279	CHI ²						

CHEMICAL: FMC 33297 3.2 EC (38.4% a.i.)

TITLE: Acute Toxicity of FMC - 33297 3.2 EC to Bluegill (Lepomis macrochirus) and Rainbow Trout (Salmo gairdneri)

ACCESSION NO: 096699

STUDY DATE: December 1975

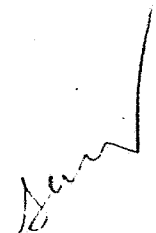
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E.G.&G. Bionomics Quatic Toxicology Lab.
Wareham, Mass.

REGISTRANT: FMC Corp.

VALIDATION CATEGORY: Core

CATEGORY REPAIRABILITY: N.A.

VALIDATOR: Tom O'Brien - 1/10/78



Finney Probit
Rainbow Trout
no solvent

FMC. 33297 B.Z. 38.4%

EG+G Biosonics
Dec 1975

O'Brien

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8.4
C.
1C.

11.
C.
1C.

15.
2.
1C.

2C.
4.
1C.

26.
5.
1C.

37.
7.
1C.

47.
8.
1C.

63.
1C.
1C.

$\chi^2 = 6 \text{ df} = 12.6$

3.540 M
0.315 YINT
1.916 LW M
8.279 χ^2

21.065 LD50
17.032 LDCL
26.053 UPCL

9.149 LD10
6.206 LDCL
13.489 UPCL

48.457 LD90
33.654 LDCL
69.888 UPCL