

US EPA ARCHIVE DOCUMENT

1/10/78

103.1.3 Fish

DATA REVIEW NUMBER: ES J1

TEST: Fish Acute 96 hour LC<sub>50</sub> (coldwater)

SPECIES: Rainbow Trout (Salmo gairdneri)

RESULTS: 96 hour LC<sub>50</sub> = 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:  
Chi<sup>2</sup> = 8.279 < chi<sup>2</sup> (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 <sup>2</sup>						

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

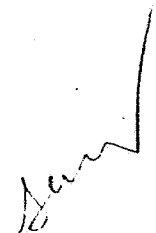
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Wareham, Mass.

REGISTRANT: FMC Corp.

VALIDATION CATEGORY: Core

CATEGORY REPAIRABILITY: N.A.

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



Finney Probit  
 Rainbow Trout  
 no solvent

8.4  
 C.  
 10.

FMC. 33297 B.2. 38.4%

11.  
 3.

EG+G Biosomius  
 Dec 1975

10.

O'Brien  
 1/10/78

15.  
 2.  
 10.

20.  
 4.  
 10.

26.  
 5.  
 10.

37.  
 7.  
 10.

47.  
 8.  
 10.

63.  
 10.  
 10.

chi<sup>2</sup> 6 df = 12.6

3.540 M  
 0.315 YINT  
 1.916 LW M  
 8.279 CHI<sup>2</sup>

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