

US EPA ARCHIVE DOCUMENT

*Duplicate*

103.1.4 Aquatic Invertebrates

DATA REVIEW NUMBER: ES 01

TEST: Acute 96 hour LC<sub>50</sub>

SPECIES: Fiddler Crab (Uca pugilator)

RESULTS: 96 hour LC<sub>50</sub> = 7.60 ppb (6.03 - 9.56 ppb)

Statistical analysis of raw data, by this section, using log probit linear regression analysis produced LC<sub>50</sub> values similar to those reported above.

3.	N <sub>2</sub>	7.595	LD50	5.959	LD10	9.681	LD90
0.993	R <sup>2</sup>	2.454	LOCL	1.867	LOCL	3.042	LOCL
0.033	S	23.513	UPCL	19.020	UPCL	30.807	UPCL
0.082							

CHEMICAL: FMC 33297 3.2 EC (40.67% a.i.)

TITLE: Acute Toxicity of FMC 33297 3.2 EC to Eastern Oyster (Crassostrea virginica), Pink Shrimp (Penaeus duorarum) and Fiddler Crabs (Uca pugilator)

ACCESSION NO: 096699

STUDY DATE: December 1975

RESEARCHER: Heitmuller, Tom  
Bionomics E.G. & G. Inc.  
Pensacola, Florida

REGISTRANT: FMC Corp.

VALIDATION CATEGORY: Core

CATEGORY REPAIRABILITY: N.A.

VALIDATOR: Tom O'Brien - 1/13/78

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Linear Regression

FMC 33297 3.2 60

40.67% A.I.

4.07  
C.

Bonomus E64 G

Dec 1975

7.32  
30.

Fiddler Crab

15.  
100.

O'Brien 1/13/78

S. N  
0.953 R<sup>2</sup>  
0.033 S  
0.082 M

7.555 LD50  
2.454 LDCL  
23.513 UPCL

5.959 LD10  
1.867 LDCL  
19.020 UPCL

9.681 LD90  
3.042 LDCL  
30.807 UPCL