US EPA ARCHIVE DOCUMENT
103.1.4 Aquatic Invertebrates

DATA REVIEW NUMBER: ES 01

TEST: Acute 96 hour LC$_{50}$

SPECIES: Fiddler Crab (Uca pugilator)

RESULTS: 96 hour LC$_{50}$ = 7.60 ppb (6.03 - 9.56 ppb)

Statistical analysis of raw data, by this section, using log probit linear regression analysis produced LC$_{50}$ values similar to those reported above.

<table>
<thead>
<tr>
<th>n</th>
<th>N$^2$</th>
<th>R$^2$</th>
<th>LD50</th>
<th>LD10</th>
<th>LD90</th>
<th>LOCL</th>
<th>LOCL</th>
<th>LOCL</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>0.993</td>
<td>7.595</td>
<td>5.959</td>
<td>9.681</td>
<td>2.454</td>
<td>1.867</td>
<td>3.042</td>
<td>23.513</td>
<td>19.020</td>
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</tbody>
</table>

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
01/13/78

Teddy Cott
Dec 1975

Guaranteed Rate
4.67% 4.1

FMF 33247 3.26C

Draft Permission