

US EPA ARCHIVE DOCUMENT

109701

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6-21-78



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

BIOLOGICAL REPORT OF ANALYSIS

|                          |
|--------------------------|
| 1. SAMPLE NO.<br>MB 492  |
| 2. DATE COLLECTED<br>N/A |
| 3. REGION<br>N/A         |

SAMPLE IDENTIFICATION

|  |                                |  |
|--|--------------------------------|--|
| 4. LOT OR CODE NO(S)<br>N/A                            | 5. EPA REGISTRATION NO.<br>N/A | 6. ESTABLISHMENT NO.<br>N/A                          |
| 7. PRODUCT NAME<br>Pounce formulation                  |                                |  |
| 8. PRODUCER NAME AND ADDRESS (Include ZIP code)<br>N/A |                                | 9. DEALER NAME AND ADDRESS (Include ZIP code)<br>N/A |

|                   |              |              |      |                |
|-------------------|--------------|--------------|------|----------------|
| 10. PHYSICAL FORM | EMULS. CONC. | PRESS. SPRAY | DUST | GRANULAR       |
|                   | WET. POWDER  | AEROSOL      | BAIT | X OTHER liquid |

11. INGREDIENTS  
 Pounce 38.47%  
 Related chemicals 3.35%

TEST

|   |  |                              |
|---|--|------------------------------|
| 12. TYPE OF TEST<br>Static jar<br>Test # 2356 | 13. TEST ORGANISM(S)<br>Bluegill ( <u>Lepomis macrochirus</u> )<br>Average wt. in grams: 0.676<br>Source: Harrison Lake National Fish Hatchery | 14. METHOD NO. TSD 1.206     |
|   |  | 15. DURATION 96 hr           |
|   |  | 16. CONCENTRATION 32-2.4 ppb |
|   |  | 17. DILUENT                  |

18. SUMMARY  
 24 hr LC10 is 7.5 ppb (95% confidence limits of 10.247 to 5.489 ppb)  
 24 hr LC50 is 12.6 ppb (95% confidence limits of 16.031 to 9.903 ppb)  
 48&96 hr LC50 is 9.0 ppb (95% confidence limits of 11.500 to 7.0433 ppb)  
 48&96 hr LC10 is 4.85 ppb (95% confidence limits of 6.814 to 3.452 ppb)

19. RESULTS

| Time           | slope  | chi 2  | Concentration in ppb (% mortality given underneath) |     |     |    |    |     |     |   |
|----------------|--------|--------|---|-----|-----|----|----|-----|-----|---|
|                |        |        | 32 ppb  | 21  | 14  | 10 | 6  | 4.2 | 2.4 | 0 |
| 24 hr          | 1.4753 | 5.907  | 100ppb  | 80  | 80  | 10 | 10 | 0   | 0   | 0 |
| 48 hr to 96 hr | 1.6237 | 1.4800 | 100ppb  | 100 | 100 | 60 | 20 | 0   | 0   | 0 |

|                                   |   |                                  |                     |
|-----------------------------------|---|----------------------------------|---------------------|
| 20. TESTER'S INITS.<br><i>Car</i> | 21. SIGNATURE OF LAB SUPERVISOR<br><i>John R. Melam</i> | 22. LABORATORY<br>Animal Biology | 23. DATE<br>6/21/78 |
|-----------------------------------|---|----------------------------------|---------------------|