

US EPA ARCHIVE DOCUMENT

107701



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460 BIOLOGICAL REPORT OF ANALYSIS

Table with 3 rows: 1. SAMPLE NO. MB 464, 2. DATE COLLECTED N/A, 3. REGION N/A

SAMPLE IDENTIFICATION

4. LOT OR CODE NO(S) N/A, 5. EPA REGISTRATION NO. N/A, 6. ESTABLISHMENT NO. N/A

7. PRODUCT NAME Ambush

8. PRODUCER NAME AND ADDRESS (Include ZIP code) ICI Goldsboro, North Carolina; 9. DEALER NAME AND ADDRESS (Include ZIP code)

10. PHYSICAL FORM table with columns: EMULS. CONC., WET. POWDER, PRESS. SPRAY, AEROSOL, DUST, BAIT, GRANULAR, OTHER

11. INGREDIENTS Ambush (technical) 91.4%

TEST

12. TYPE OF TEST Static jar Test #1127; 13. TEST ORGANISM(S) Bluegill (Lepomis macrochirus) 10/conc. Average weight in grams: 1.02 Source: Harrison Lake National Fish Hatchery; 14. METHOD NO. TSD 1.206; 15. DURATION 144 hr; 16. CONCENTRATION 75-4.2 ppb; 17. DILUENT Acetone

18. SUMMARY 24 hr LC 10 is 12.5 ppb. (95% confidence limits of 18.06 to 8.65 ppb) 24 hr LC 50 is 19.0 ppb (95% confidence limits of 25.49 to 14.16 ppb) 48 hr LC 50 is 16.7 ppb (95% confidence limits of 21.67 to 12.87 ppb) 96 hr LC 10 is 7.5 ppb (95% confidence limits of 12.38 to 4.54 ppb) 96 hr LC 50 is 13.5 ppb (95% confidence limits of 19.96 to 9.13 ppb)

19. RESULTS table with columns: Time, slope, chi 2, and Concentration in ppb (% mortality given underneath) for 75, 42, 24, 13.5, 7.5, 4.2 ppb, S.C., C.

S.C = solvent control. C = Control

20. TESTER'S INITS. [Signature], 21. SIGNATURE OF LAB SUPERVISOR [Signature], 22. LABORATORY Animal Biology, 23. DATE 5/16/78