



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

# BIOLOGICAL REPORT OF ANALYSIS

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

EMULS. CONC.

PRESS. SPRAY

DUST

GRANULAR

WET. POWDER

AEROSOL

BAIT

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

14. METHOD NO. TSD 1.206

15. DURATION 144 hr

16. CONCENTRATION 75-4.2 ppb

17. DILUENT Acetone

18. SUMMARY

Hatchery

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

Concentration in ppb (% mortality given underneath)

| Time   | slope  | chi 2 | 75  | 42  | 24 | 13.5 | 7.5 | 4.2 | S.C. | C. |
|--------|--------|-------|-----|-----|----|------|-----|-----|------|----|
| 24 hr  | 1.3986 | 0.383 | 100 | 100 | 80 | 10   | 0   | 0   | 0    | 0  |
| 48 hr  | 1.5226 | 0.201 | 100 | 100 | 80 | 30   | 0   | 0   | 0    | 0  |
| 96 hr  | 1.563  | 0.250 | 100 | 100 | 90 | 50   | 10  | 0   | 0    | 0  |
| 144 hr | -      | -     | 100 | 100 | 90 | 50   | 10  | 0   | 0    | 0  |

S.C = solvent control. C = Control

20. TESTER'S INITS.

21. SIGNATURE OF LAB SUPERVISOR

22. LABORATORY

Animal Biology

23. DATE

5/16/78