



057801

3-13-77

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

BIOLOGICAL REPORT OF ANALYSIS

1. SAMPLE NO.

143808

2. DATE COLLECTED

N/A

3. REGION

N/A

SAMPLE IDENTIFICATION

4. LOT OR CODE NO(S).

N/A

5. EPA REGISTRATION NO.

30905

6. ESTABLISHMENT NO.

N/A

7. PRODUCT NAME

Diazinon AC 500

8. PRODUCER NAME AND ADDRESS (Include ZIP code)

N/A

9. DEALER NAME AND ADDRESS (Include ZIP code)

N/A

10. PHYSICAL FORM

EMULS. CONC.

PRESS. SPRAY

DUST

GRANULAR

WET. POWDER

AEROSOL

BAIT

X

OTHER liquid

11. INGREDIENTS

Diazinon 48.00%

TEST

12. TYPE OF TEST

Static jar
Test #1073

13. TEST ORGANISM(S)

Rainbow trout (Salmo gairdneri)
Average weight: 0.91 gm
Source: Wytheville National Fish

14. METHOD NO.

TSD 1.206

15. DURATION

96 hr

16. CONCENTRATION

14-0.28 ppm

17. DILUENT

acetone

18. SUMMARY

Hatchery

All information in this report is based on total formulation.

The 24 hour LC 10 is 2.00 ppm.

The 96 hour LC 50 is 1.65 ppm. = .57 ppm

19. RESULTS

24 hour LC 10 is 2.00 ppm (95% confidence limits of 1.18 to 3.39 ppm)
24 hour LC 50 is 4.50 ppm (95% confidence limits of 3.05 to 6.63 ppm)
48 hour LC 50 is 2.95 ppm (95% confidence limits of 2.12 to 4.10 ppm)
96 hour LC 10 is 0.48 ppm (95% confidence limits of 0.27 to 0.84 ppm)
96 hour LC 50 is 1.65 ppm (95% confidence limits of 1.14 to 2.40 ppm)

Bj 24

20. TESTER'S INITS.

21. SIGNATURE OF LAB SUPERVISOR

22. LABORATORY

Animal Biology

23. DATE

3/13/77