

US EPA ARCHIVE DOCUMENT

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	<input checked="" type="checkbox"/> OTHER liquid

11. INGREDIENTS Diazinon 48.00%

TEST

12. TYPE OF TEST Static jar Test #1073	13. TEST ORGANISM(S) Rainbow trout (<u>Salmo gairdneri</u>) 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)

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20. TESTER'S INITS.

21. SIGNATURE OF LAB SUPERVISOR

22. LABORATORY Animal Biology

23. DATE 3/13/77

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