

US EPA ARCHIVE DOCUMENT

4-7-80

1. Chemical: Baquacil
2. Formulation: Technical (20% a.i.)
3. Citation: Fink, R. (1979) Eight-Day Dietary LC50 Mallard Duck Final Report, Sample # 5889, EPA Registration No. 10182-RO; Product Name, Baquacil; Producer Name, Wildlife International LTD for ICI Americas, Inc. Goldsboro N.C. 27530.
4. Reivewed By: C.E. Laird
5. Date Reviewed: April 7, 1980
6. Test Type: Avian Eight-Day Dietary LC50
A. Test Species: Mallard Duck
7. Reported Results: No mortalities occurred in any Negative control or any dosage level, but there was a slight reduction in feed consumption at all dosage levels tested.
8. Reviewer's Conclusion: This study is scientifically sound and indicates Baquacil is practically non-toxic to mallard duck. The study does fulfill the requirements for an avian eight-day dietary LC50.

Material/Methods

Test Procedure

Not given

Statistical Analysis

Finney Probit

Discussion/Results

Baquacil #5889 did not cause overt symptoms of toxicity or behavioral abnormalities at any dosage level tested. The eight-day LC50 value was greater than 5620 ppm.

Reviewer's Evaluation

A. Test Procedure

Test procedure complies with the recommended EPA Protocol of 1978.

B. Statistical Analysis

No statistical analysis was performed, because no mortalities occurred at any dosage level or in the negative control.

C. Conclusion

1. Category: Core
2. Rationale: N/A
3. Repairability: N/A