

File No. 128834

DATA EVALUATION RECORD

1. CHEMICAL: Pyridate (Lentagran)
2. FORMULATION: unknown 90% technical - gms
9/23/85
3. CITATION: Beavers, J. and M. Jabar. 1984. A dietary study in the Mallard with pyridate. Final Report. Project No. 190-101. Performed by Wildlife International, Ltd. for W.R. Laris Assoc. submitted by Ciba-Geigy, Acc. No. 072350: Reference No. VII/16. Reg. No. 42545-EUP-R.
4. REVIEWED BY: John J. Bascietto
Wildlife Biologist
Ecological Effects Branch/HED
5. DATE REVIEWED: 7/24/84
6. TEST TYPE: Avian dietary (8-day LC₅₀)
A) Mallard duck, Anas platyrhynchos
7. REPORTED RESULTS:
LC₅₀ >5000 ppm
8. REVIEWER'S CONCLUSIONS: The study is scientifically sound. With an LC₅₀ >5000 ppm, the test material is "practically non-toxic" to Mallards. The study ~~could (but does not at this time)~~ fulfill a guidelines requirement ~~if the % active ingredient in the test material is reported.~~ dietary LC50 in
waterfowl
GR 12-8-89

9. Materials/Methods

A. Procedure:

The study protocol follows the recommended E.P.A. guidelines for eight-day dietary LC₅₀ in birds.

B. Statistical Analyses

N/A

10. Results

(The % a.i. in the test material was not reported). The control group had one(1) dead bird, 10%, on Day 5. The 5000 ppm treatment group had zero(0) mortality by the end of the 8-day period. There were no observations of overt toxic symptoms nor of abnormal behavior at 5000 ppm.

There was a slight decrease in body weight gain and food consumption data for the treatment group during the exposure period.

The LC₅₀ is greater than 5000 ppm. The no-effect level is less than 5000 ppm.

11. Reviewer's Evaluation

A. Procedure: Acceptable

B. Statistical Analysis: N/A - no mortality

C. Results: the results indicate that the test material is practically non-toxic to mallard ducks. However, the results of this test are unacceptable at this time because they did not report the percent active ingredient in the test material.

D. Conclusions

1. Category: Supplemental Core

-JB 9/23/85

2. Rationale: The study did not report the percent active in the test material.

3. Repair: report the % a.i. in the test material.