

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Avian Dietary Toxicity (LC₅₀) study in Mallard Ducks, H-12361, Final Report, Hazleton Laboratories America, Inc. August 21, 1979 Acc# 099462

4. REVIEWED BY: Russel T. Farringer
Wildlife Biologist
Ecological Effects Branch/HED
5. DATE REVIEWED: 7/29/80
6. TEST TYPE: Avian dietary - Eight day study
 - A. Test Species: Mallard Duck
7. REPORTED RESULTS: LC₅₀ > 5,000 ppm

8. REVIEWER'S CONCLUSIONS: This test is scientifically sound and with an LC₅₀ of 5000ppm is practically non-toxic to waterfowl. The study does fulfill the requirement for waterfowl.

Materials/Methods

The procedure generally followed the protocols recommended by EPA's guidelines.

Statistical Analysis

Because of the lack of mortality over the dose ranges no statistical analysis was conducted.

Discussion/Results

"The Acute LC₅₀ was, therefore, estimated to be greater than 5000 ppm."

Reviewer's Conclusion

Category: Core

Rationale: Meets Guideline Requirements.