

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Acute Oral LD₅₀ study in Mallard Duck, H-12361, Final Report, Hazleton Laboratories America, Inc. Virginia, April 1, 1980 Acc# 099462.

4. REVIEWED BY: Russel T. Farringer
Wildlife Biologist
Ecological Effects Branch/HED

5. DATE REVIEWED: 7/29/80

6. TEST TYPE: Acute Oral
 - A. Test Species: Mallard Duck

7. REPORTED RESULTS: LD₅₀ > 5,000 mg/kg

8. REVIEWER'S CONCLUSIONS: This test is scientifically sound and with an LD₅₀ of 5,000 mg/kg is practically non-toxic to waterfowl. The study does fulfill the requirement for waterfowl.

Materials/Methods

The protocol 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

No deaths occurred in any test groups. The results indicate that the LD₅₀ is greater than 5000 mg/kg.

Reviewer's Conclusion

Category: Core

Rationale: Meets guideline requirements.