

DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Haskell Laboratory Report No. 385-79, Acc# 099462.

4. REVIEWED BY: Russel T. Farringer
Wildlife Biologist
Ecological Effects Branch/HED
5. DATE REVIEWED: 7/29/80
6. TEST TYPE: Fish Acute

A. Test Species: Bluegill Sunfish
7. REPORT RESULTS: LC₅₀>300ppm

8. REVIEWER'S CONCLUSIONS: This test is scientifically sound and with an LC₅₀ of 300ppm is practically non-toxic to warmwater fish. The study does fulfill the requirement for warmwater fish.

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

Since only one mortality occurred at the 255 ppm level and the levels above and below had no mortality, they felt that the LC₅₀ for Bluegills was in excess of 300 ppm.

Reviewer's Evaluation

Category: Core

Rationale: Even at 255 ppm the results are 2.5 times above the minimum of 100 ppm for the practically non-toxic level.