

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Haskell Laboratory Report No. 384-79, 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: Fathead minnow
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

The Fathead minnow had an LC₅₀ in Excess of 300ppm

Reviewer's Conclusions

Category: Core

Rationale: Even though one mortality occurred at test levels, 185 and 300 ppm, these were the only two mortalities reported. However, these levels are in the practically non-toxic level.