

US EPA ARCHIVE DOCUMENT

118601

DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Haskell Laboratory Report No. 856-79, Acc# 099462.

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

5. DATE REVIEWED: 7/29/80

6. TEST TYPE: Acute/Fish

A. Test Species: Channel Catfish

7. REPORTED RESULTS: LC₅₀>50ppm

8. REVIEWER'S CONCLUSIONS: This test is scientifically sound and with an LC₅₀ of 50ppm is slightly Toxic* to warmwater fish. The study does fulfill the requirement for warmwater fish.

(*No mortality at 50ppm and that was the highest level tested.)

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

No mortalities were reported for dose levels of 1, 10, and 50. No control mortality occurred. The LC₅₀ value for channel catfish is in excess of 50ppm.

Reviewer's Conclusions

Category: Core

Rationale: Even though there were not enough dose levels as prescribed by the protocol, the results of the other aquatic fish species indicate that the LC₅₀ would be in excess of 50ppm.