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DATA EVALUATION RECORD

1. CHEMICAL: DPX4189
2. FORMULATION: Technical (minimum 91% purity)
3. CITATION: Haskell Laboratory Report No. 152-79, Acc# 099462.

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

5. DATE REVIEWED: 7/29/80

6. TEST TYPE: Aquatic Invertebrate

   A. Test Species: Daphnia Magna

7. REPORTED RESULTS: $LC_{50} \geq 370$ppm

8. REVIEWER'S CONCLUSIONS: This test is scientifically sound and with an LC_{50} of 370ppm is practically non-toxic to aquatic invertebrates. The study does fulfill the requirement for aquatic invertebrate.

Materials/Methods

The protocol generally follows the protocols recommended by EPA's guidelines.

Statistical Analysis

The LC_{50} for Daphnia magna is 370.9 ppm (95% C.L.: 346.4 to 400.2 ppm). The LC_{50} was calculated with probit analysis (Finney, 1971).

Reviewer's Conclusion

Test Procedure: They generally followed our present protocol.

Statistical Analysis:

Using our computer program (Probit Analysis) an LC_{50} value of 368.9 ppm was calculated with confidence limits 333.8 ppm to 415.5 ppm.

Conclusions

Category: Core

Rationale: Meets quideline requirements