

US EPA ARCHIVE DOCUMENT

5-9-83

081901

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DATA EVALUATION SHEET

1. CHEMICAL: Chlorothalonil
2. FORMULATION: Technical - Unknown concentration.
Shaughnessy Number: 081901
3. CITATION: Dieterich, W.H. (1965) Acute Aqueous Exposure -- Fish: Project No. 200-164. (Unpublished study received February 25, 1976. Under 6F1749; prepared by Hazelton Lab., Inc., submitted by Diamond Shamrock Agricultural Chemicals, Cleveland, Ohio; CLD: 096459-A).
4. REVIEWER: Daniel Rieder
Wildlife Biologist
EEB/HED
5. REVIEW DATE: 5/9/83
6. TEST TYPE: 96-hour Fish Toxicity.
 - A. Species: Rainbow trout
Bluegill sunfish
Channel catfish
 - B. Material: DAC-2787 (technical chlorothalonil)
7. RESULTS:

	<u>96-hour LC50</u>
Rainbow trout	250 ppb
Bluegill sunfish	386 ppb
Channel catfish	430 ppb
8. REVIEWERS CONCLUSION:

This report did not provide enough information to determine if it was a scientifically sound study and it does not meet the guideline requirements for a fish acute toxicity study. The reasons for this category are:

1. The percent a.i. of the test material is unknown.
2. The number of organisms per level is uncertain.
3. Solubility was a problem.
4. The 96-hour mortality was not reported.

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5. The dose levels (0.25, 1.54, 10, 20, and 25.1 ppm, the same for each species) were not close enough together nor were they appropriate for the probable sensitivity of the species tested.

This study could be repairable to supplemental if the lacking information (#1, #2, and #4) was provided.

Category: Invalid ?

↳ this is raised to supplemental in "chemical profile" in 1984