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also (1,2-dichloro-2,2-dichloroethylid

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FORMULATION - ACTIVE INGREDIENT

FIGHT/MASTIC 2675

LO TEST CAT 1

Frear, D.L.H.; Boyd, J.E. (1967) Use of "Daphnia magna" for the
microbioassay of pesticides: I. Development of standardized
techniques for rearing daphnia and preparation of dosage-mor-
tality curves for pesticides. Journal of Economic Entomology,
61(5):1224-1236. (Also "in" unpublished submission received
May 11, 1977 under 253-215; submitted by Chevron Chemical Co.,
Richmond, Calif.; CAL:SA 225-4)

SUBST. CLAS = S.

DIRECT NUM 110 =

(10)

START DATE

END DATE

REVIEWED BY: Kyle Bombek

TITLE: Wildlife Biologist

ORG: HED-BAD

LOC/TEL: CM2-1121/557-1121

SIGNATURE:

Kyle Bombek

DATE: 23 Sept 82

APPROVED BY:

TITLE:

ORG:

LOC/TEL:

SIGNATURE:

DATE:

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DATA EVALUATION RECORD

1. Chemical: Naled
2. Formulation: Not given
3. Citation: Frear, D.E. II and J.E. Boyd. 1967. Use of Daphnia magna for the microbioassay of pesticides. I. Development of Standardized Techniques for rearing Daphnia and preparation of dosage-mortality curves for pesticides. J. Econ. Ent. 60:1228-1236.
4. Reviewed by: Kyle Barbehenn, Wildlife Biologist
Ecological Effects Branch
Hazard Evaluation Division (TS-769)
5. Date Reviewed: September 23, 1982
6. Test type: Aquatic invertebrate acute static 26 hr. LC₅₀
7. Reported Results:

26 hr. LC₅₀ = 0.36 ppb
8. Reviewer's Conclusions: This study is not scientifically sound; it does not satisfy any guideline requirements.

Material/Methods

Test Procedures: This was a study to develop test methods and, as such, is merely of historical interest. Deviations from currently accepted protocols include lack of controls and temperature monitoring. The formulation was not identified.

Statistical Analysis: None

Discussion/Results: The only result reported is the 26 hr. LC₅₀.

Reviewer's Evaluation:

- A. Procedure: Lack of concurrent controls invalidates the study
- B. Statistical Analysis: Confidence limits are not available
- C. Discussion/Results: No further evaluation of this study is possible.

Conclusions:

Validation Category: Invalid

Category Rationale: Controls are essential

Repairability: None