US EPA ARCHIVE DOCUMENT

9/23/82

DATA EVALUATION RECORD PAGE 1 OF

[illegible] 42 [illegible] PM 110 12/22/81

[illegible] 34401 [illegible]aleo (1,2-dibromo-2,2-dichloroethyl d

BRANCH EEB DISC 35 TOPIC 05254543

FORMULATION [illegible] - ACTIVE INGREDIENT

FICHE/MASTER ID 00064847 CONTENT CAT 01

Marking, L.L. (1977) Method for assessing additive toxicity of chemical mixtures: ASTM STP 634. Pages 99-108,"In"Aquatic Toxicology and Hazard Evaluation. Edited by F.L. Mayer and J.L. Hamelink. N.P. (Also"In"unpublished submission received Jun 26, 1978 under 655-421; submitted by Prentiss Drug and Chemical Co., Inc., New York, N.Y.; CDL:234235-A)

SUBST. CLASS = M; OTHER CHEMS: 000314

OTHER SUBJECT DESCRIPTORS
PRIM: EEB -4[illegible]-05 54543

DIRECT RVW TIME = (MH) START-DATE END DATE

REVIEWED BY: Kyle Bambeheyn
TITLE: Wildlife Biologist
ORG: HED-EEB
LOC/TEL: CM2-1121 /557-1121

SIGNATURE: [signature] DATE: 23 Sept 82

APPROVED BY:
TITLE:
ORG:
LOC/TEL:

SIGNATURE: DATE:

BEST AVAILABLE COPY

DATA EVALUATION RECORD

1. Chemical: Naled

2. Formulation: "Dibrom" formulation unspecified

3. Citation: Marking, L.L. 1977. Method for assessing additive toxicity of chemical mixtures: ASTM STP 634. pp. 99-108 in Aquatic Toxicology and Hazard Evaluation. F.L. Mager and J.L. Hamelink (eds.)

4. Reviewed by: Kyle Barbehenn, Wildlife Biologist
Ecological Effects Branch
Hazard Evaluation Division (TS-769)

5. Date Reviewed: September 23, 1982

6. Test Type: Static aquatic LC_{50}: Rainbow Trout

7. Reported Results: LC_{50} = 0.049 (.028-.063) ppm (12°C)

8. Reviewer's Conclusions: The scientific validity of the test cannot be determined from information reported. This report does not satisfy guideline requirements for aquatic toxicity testing.

Methods/Materials

Test Procedures: Test was said to have been run under standardized laboratory procedures (EPA 1975).

Statistical Analysis: Litchfield and Wilcoxon

Discussion/Results: LC_{50} of Dibrom for rainbow trout was 0.049 (0.028-0.063) ppm

Reviewer's Evaluation:

A. Procedure: Dibrom formulation unspecified. Duration of test unspecified. Other basic information not provided.

B. Statistical Analysis: Identified method is appropriate.

C. Discussion/Results: Cannot be interpreted from available information.

Conclusions:

Validation Category: Invalid

Category Rationale: Information provided is inadequate.

Category Repairability: This study may be upgraded if the basic test information is provided.

(TDRC3P) DATA EVALUATION RECORD PAGE 1 OF

CASE 650092 NALED PM 110 1/21/82

CHEM 034401 Naled (1,2-dibromo-2,2-dichloroethyl d

BRANCH DIBC TOPIC Special Order ~~GUIDELINE~~

FORMULATION ~~DG = ACTIVE INGREDIENT~~

FICHE/MASTER ID 00074826 CONTENT CAT

Cope, O.B. (1961) Letter sent to Robert A. Fisher dated Oct 16, 1961 (Toxicity of Diquat, Dibrom and Phosphamidon to rainbow trout). (U.S. Fish and Wildlife Service, Fish-Pesticide Research Laboratory; unpublished study; CDL:125232-F)

SUBST. CLASS = S.

OTHER SUBJECT DESCRIPTORS
PRIM:
SEC:

DIRECT RVW TIME = / (MM) START-DATE END DATE

REVIEWED BY: Kyle Barbehenn
TITLE: Wildlife Biologist
ORG: HED / EEB
LOC/TEL: CM II-1121 / 557-1121

SIGNATURE: [signature] DATE: 9/4/78

APPROVED BY:
TITLE:
ORG:
LOC/TEL:

SIGNATURE: DATE:

See review by Balcomb 4/15/78

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