

US EPA ARCHIVE DOCUMENT

TDMS

DATA EVALUATION RECORD

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CASE GS _____

NAPHTHALENE ACETIC ACID

PM _____ / /

CHEM 056002

1-NAPHTHALENE ACETIC ACID

BRANCH EEB

DISC _____

FORMULATION % a.i. unknown

FICHE/MASTER ID

58

CITATION: Truslow Farms (1976) 8-Day Dietary LC₅₀ - Mallard Ducks Project
113-119 May 5, 1976

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS

PRIM:

DIRECT REVIEW TIME = 1 hr (MH) START DATE 2/13/81 END DATE 2/13/81

REVIEWED BY: Thomas B. Johnston
TITLE: Fisheries Biologist
ORG: EEB/HED
LOC./TEL: 557-0320

SIGNATURE: *Thomas B. Johnston*

DATE: *2/26/81*

APPROVED BY:

TITLE:

ORG:

LOC./TEL:

SIGNATURE:

DATE:



2003817

FICHE/MASTER ID 58

CONCLUSIONS: This study is scientifically sound, but does not fulfill USEPA Guidelines because it was run on a formulated product, not on the technical grade of the toxicant. With an LC_{50} greater than 10,000 ppm, NAA Acid Formulation 72-A1112 is practically non-toxic to waterfowl.

METHODS AND MATERIALS:

- A. TEST TYPE - 8-Day Dietary Toxicity
- B. TEST SPECIES - Mallard Duck (Anas platyrhynchos)
- C. TEST PROCEDURES - Five groups of ten birds each were fed diets containing 464, 1000, 2150, 4640, or 1000 ppm of Formulation 72-A1112 for five days, then observed for three days while on diets free of toxicants.

STATISTICAL ANALYSIS: No mortality was observed at any level.

REPORTED RESULTS : No mortality was noted at any level. The dietary LC_{50} of Formulation 72-A1112 for waterfowl is estimated to be >10000 ppm.

DISCUSSION :

- A. TEST PROCEDURE:
This study followed USEPA Guidelines, except that it was not run on the technical grade of the toxicant.
- B. STATISTICAL ANALYSIS:
No mortality.
- C. DISCUSSION/RESULTS:
No mortality occurred at dietary levels up to 10000 ppm.
- D. CONCLUSIONS:
 1. CATEGORY: Supplemental
 2. RATIONALE: This test was run on a formulated product, not on the technical as specified by EPA Guidelines.
 3. REPAIRABILITY: This study is not repairable.