

TDMS

DATA EVALUATION RECORD

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CASE GS _____

NAPHTHALENE ACETIC ACID

PM _____ / /

CHEM 056002

NAPHTHALENE ACETIC ACID

BRANCH EEB

DISC _____

FORMULATION % ai Unknown

FICHE/MASTER ID 61

CITATION: Truslow Farms (1976) Acute oral LD₅₀ -Mallard Ducks Project 113-155
March 6, 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:



2003821

FICHE/MASTER ID 61

CONCLUSIONS : This study is scientifically sound, but was run on the formulated product, not the technical grade. Therefore, it does not fulfill USEPA guidelines. With an LD₅₀ greater than 2510 mg/kg, NAA Acid Formulation 72-A112 is practically non-toxic to waterfowl.

METHODS AND MATERIALS :

- A. TEST TYPE - Acute Oral LD₅₀
- B. TEST SPECIES - Mallard Ducks (Anas platyrhynchos)
- C. TEST PROCEDURES - Ten birds per level for five levels (398, 631, 1000, 1590, and 2510 mg/kg) were given single doses of the toxicant (72-A112) and observed for 14 days.

STATISTICAL ANALYSIS

Only one Bird died. Statistical analysis was inappropriate.

REPORTED RESULTS :

Only one mortality (at the 2510 mg/kg level) was reported. The LD₅₀ was estimated to be >2510 mg/kg.

DISCUSSION :

- A. TEST PROCEDURE: The test procedure followed USEPA Guidelines, except that a formulated product (72-A112) was used instead of the technical.
- B. STATISTICAL ANALYSIS : Inappropriate.
- C. DISCUSSION/RESULTS : There was only one death among the test birds. The LD₅₀ is estimated to be >2510 mg/kg.
- D. CONCLUSION :
 - 1. CATEGORY : Supplemental
 - 2. RATIONALE : The test was run on a formulated product, rather than on the technical grade of the active ingredient, as required by USEPA guidelines.
 - 3. REPAIRABILITY: This study is not repairable.