

US EPA ARCHIVE DOCUMENT

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 \_\_\_\_\_ 60 \_\_\_\_\_

CITATION: Truslow Farms (1976) Acute Oral LD<sub>50</sub> - Bobwhite Quail Project  
113-154, May 30, 1976

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS

PRIM:

DIRECT REVIEW TIME = 1 hr (MH) START DATE 2/12/81 END DATE 2/12/81

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

SIGNATURE: *Thomas B. Johnston* DATE: 2/28/81

APPROVED BY:

TITLE:

ORG:

LOC./TEL:

SIGNATURE:

DATE:



2003827

FICHE/MASTER ID 60

CONCLUSIONS: This study is scientifically sound and demonstrates that this formulation (72-A112) of naphthalene acetic acid is practically non-toxic to upland gamebirds. This study does not fulfill the guideline requirements, because it was not run on the technical grade of the chemical.

MATERIALS AND METHODS:

- A. TEST TYPE - Acute Oral LD<sub>50</sub> for upland game bird.
- B. TEST SPECIES -Bobwhite Quail (Colinus virginianus)
- C. TEST PROCEDURES - Ten birds per level for five levels (398, 631, 1000, 1590, and 2510 mg/kg) were given single oral doses of the test substance, then observed for 14 days while on a diet free of toxicants.

STATISTICAL ANALYSIS

No mortality was reported at any level.

REPORTED RESULTS: The acute oral LD<sub>50</sub> of 72-A112 to Bobwhite Quail is >2150 mg/kg. No toxic symptoms were exhibited by any birds at any dose level.

DISCUSSION:

A. TEST PROCEDURE:

The study met USEPA Guideline protocol, except that the test was not run on the technical grade of the test substance.

B. STATISTICAL ANALYSIS:

Not Applicable.

C. DISCUSSION/RESULTS:

No LD<sub>50</sub> could be calculated due to lack of mortality.

D. CONCLUSION:

1. CATEGORY: Supplemental

2. RATIONALE: This study was not run on the technical grade of the test substance. To fulfill the EPA guideline requirements, a test must have been run on the technical.

3. REPAIRABILITY: This test cannot be repaired to core.