

8-27-85

(TDR03R)

DATA EVALUATION RECORD

PAGE 1 OF

CASE G50328 TELONE PM PM# 05/18/84

CHEM 029001 1,3-Dichloropropene

BRANCH EEB DISC 40 TOPIC 05100542

FORMULATION 16 - SOLUTION-READY TO USE

FICHE/MASTER ID 00119185 CONTENT CAT 01

Ross, D.; Roberts, N.; Cameron, M. (1977) The Subacute Toxicity (LC50) of Vorlex to the Mallard Duck: SHG 135-WL/77637. (Unpublished study received Dec 15, 1977 under 2139-55; prepared by Huntingdon Research Centre, Eng., submitted by Nor-Am Agricultural Products, Inc., Naperville, IL; CDL:232497-B)

SUBST. CLASS = M; OTHER CHEMS: 068103

DIRECT RVW TIME = 1 Hr. (MH) START-DATE 8/9/85 END DATE 8/9/85

REVIEWED BY: Richard A. Stevens  
TITLE: Biologist  
ORG: BEB/HFD  
LOC/TEL:

SIGNATURE:

DATE:

APPROVED BY:

TITLE:

ORG:

LOC/TEL:


SIGNATURE:

DATE:

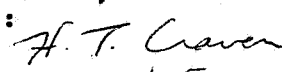
DATA EVALUATION RECORD

1. Chemical: 1,3-Dichloropropene
2. Formulation: Vorlex (% active ingredient unknown)
3. Study Type: Subacute Dietary  
Mallard duck (Anas platyrhynchos)
4. Citation: Ross, D.; Roberts, N.; Cameron, M. (1977) The Subacute Toxicity (LC<sub>50</sub>) of Vorlex to the Mallard Duck: SHG 135-WL/77637. (Unpublished study received December 15, 1977, under 2139-55; prepared by Huntingdon Research Centre, Eng., submitted by Nor-Am Agricultural Products, Inc., Naperville, IL; CDL:232497-B) (00119185).

5. Reviewed by: Richard R. Stevens  
Biologist  
EEB/HED

Signature:   
Date: 8/23/85

6. Approved by: Harry Craven  
Head, Section IV  
EEB/HED

Signature:   
Date: 8/27/85

7. Conclusions:

This study, as reported, is not scientifically sound. The percent active ingredient of the test compound is not specified. With a dietary LC<sub>50</sub> value of 25000 ppm vorlex is practically nontoxic to upland game.

8. Materials and Methods:

Test Procedures -

One hundred and forty 1-day-old mallard ducks (Anas platyrhynchos) were obtained from Lincolnshire Pheasantries, reared to 12 days of age and then allocated to treatment (14 groups of 10 birds; 3 negative controls, 5 vorlex groups and 6 dieldrin groups) [not reported].

Treatment groups ranged from 11,200 to 25,825 ppm.

Study was conducted "according to the Proposed Rules of the U.S. Environmental Protection Agency" (1975).

After a 3-day acclimation period the birds were fed either basal diet in the case of the control birds or basal diet with vorlex for 5 days. Days 6 to 8 were posttreatment observation days. All birds were weighed on days -3, 0, 5 and 8 of the study.

Food consumption was recorded on days -3 to -1, 1 to 5 and 6 to 8.

Additionally, birds were observed for mortality and signs of toxicity.

Statistics -

Finney Probit Analysis.

9. Reported Results:

The authors found that the dietary LC<sub>50</sub> was 25,000 ppm. There was some reduction in food consumption and body weight gain compared to controls. The data on mortality, food consumption, and body weight are attached.

10. Reviewer's Evaluation:

Validation Category - Invalid.

Rationale - Percent active ingredient is not specified.

Repairability - Provided the test compound is properly identified, this study will be reevaluated and may be upgraded.

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1, 3 - DICHLOROPROPENE

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Pages 4 through 6 are not included.

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The material not included contains the following type of information:

- ☐ Identity of product inert ingredients.
  - ☐ Identity of product impurities.
  - ☐ Description of the product manufacturing process.
  - ☐ Description of quality control procedures.
  - ☐ Identity of the source of product ingredients.
  - ☐ Sales or other commercial/financial information.
  - ☐ A draft product label.
  - ☐ The product confidential statement of formula.
  - ☐ Information about a pending registration action.
  - ☒ FIFRA registration data.
  - ☐ The document is a duplicate of page(s)           .
  - ☐ The document is not responsive to the request.
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