

A N 7

DATA EVALUATION RECORD

PAGE 1 OF

CASE: GS0333

FENAMIPHOS

CONT-CAT: 01 GUIDELINES: 71-1

MRID: 37974

Crawford, C.R.; Nelson, D.L. (1970) The Acute Oral Toxicity of Bay 68138 3 Lb./Gal. S.C. to Mallard Ducks: Report No. 26544. (Unpublished study received May 23, 1973 under 3F1399; submitted by Chemagro Corp., Kansas City, MO; CDL:093742-H).

REVIEW RESULTS:

VALID _____ INVALID X INCOMPLETE _____

GUIDELINE: SATISFIED _____ PARTIALLY SATISFIED _____ NOT SATISFIED X

DIRECT RVW TIME = START DATE: END DATE:

REVIEWED BY: Richard W. Felthousen

TITLE: Wildlife Biologist

ORG: EEB/HED

LOC/TEL: 557-1392

SIGNATURE:  DATE: 12/06/86

APPROVED BY: O. Gutenson

TITLE: Acting Registration Standard Coordinator

ORG: EEB/HED

LOC/TEL:

SIGNATURE:  DATE: 12/21/87

The study is inadequate because it did not test sufficient birds/dosage level; did not ID % ai; did not show statistical analyses and did not fully describe all methods.

103.1.2 Bird

DATA REVIEW NUMBER: ES C2

TEST: Avian Acute Oral Mallard

SPECIES: Mallard (Anas platyrhynchos)

RESULTS: Male and Female LD₅₀ between 2.5 - 3 mg
Formulation/kg

CHEMICAL: Bay 68138 3 lbs./gal. (% A.I., assumed 35%)

TITLE: The Acute Oral Toxicity of Bay 68138 3 lbs/gal.
S.C. to Mallard Ducks

ACCESSION NO: D91689 Report No. 26544

STUDY DATE: Unknown

RESEARCHER: Crawford, C. R. and D. L. Nelson
Chemagro Corporation
Research Division

REGISTRANT: Chemagro Chemical Corp.

VALIDATION CATEGORY: Supplemental [Formulation]

CATEGORY REPAIRABILITY: No - The study did not test 10
birds dose level, did not properly identify the
% A.I. tested, did not show statistical analysis
and did not give a detailed outline of methods.
Interpolation of the LD50 value to 100% A.I.
assuming 35% A.I. tested gives .87 mg/kg which
agrees with other research. The study tested the
formulated product rather than the technical.

Bird B.W.
Q- male
Nemacure

.5 100 0.5

-.3010299957

-.3010299957

0.

1.9098

1.

0.62

-.2076083105

-.2076083105

.6989700043

4.1584

2.

0.79

-.1023729087

-.1023729087

.7923916895

4.7467

3.

1.

0.

6.2816

4.

1.25

0.096910013

0.096910013

1.897627091

8.719

5.

5.

2.532895527

2.532895527

0.482158689

0.482158689

3.034999955

5.

.0178997877

.0178997877

1.042076945

1.042076945

4.95035395

4.95035395

2.773555272

CLR

CLR

PGM

1

SBR

CLR

RST

LOG

XIT

Z+

LOG

XIT

Z+

LOG

XIT

Z+

LOG

Z+

LOG

XIT

Z+

I X

XIT

ILOG

OP

15

ILOG

OP

12

XIT

Bird
P.W.Q. - Q
Nemacure.

CLR

PGM

1

SBR

CLR

RST

LOG

XIT

Z+

LOG

Z+

LOG

XIT

Z+

LOG

XIT

Z+

LOG

XIT

Z+

I X

XIT

ILOG

OP

15

ILOG

OP

12

XIT