

US EPA ARCHIVE DOCUMENT

5-4-87

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DATA EVALUATION RECORD

PAGE 1 OF

CASE: 238

DIAZINON

CONT-CAT: 01 GUIDELINES: 71-1

MRID: 109015

Fink, R. (1976) Final Report: Acute Oral LD50--Bobwhite Quail: Diazinon Technical: Project No. 108-120. (Unpublished Study Received September 15, 1977 under 100-524; Prepared by Wildlife International Ltd., Submitted by Ciba-Geigy Corp., Greensboro, NC; CDL:231800-I)

REVIEW RESULTS:

VALID ___ INVALID ___ INCOMPLETE ___

GUIDELINE: SATISFIED ___ PARTIALLY SATISFIED NOT SATISFIED ___

DIRECT RWV TIME = 1 Hour START DATE: 06/13/86 END DATE: 06/13/86

REVIEWED BY: Margaret Rostker
TITLE: Ecologist
ORG: EEB/HED
LOC/TEL: 557-7562
SIGNATURE: H. T. Craven

H. T. Craven

5/4/87

DATE: 06/13/86

APPROVED BY: Harry Craven
TITLE: Section Head
ORG: EEB/HED
LOC/TEL: 557-1741
SIGNATURE: H. T. Craven

DATE: 5/4/87

Study supplemental because test birds were too young, incorrect sex ratio used, and because test birds were not observed for minimum of 14 days after dosing with test material.

71-1

1/2

103.12 Bird

Data Review Number: (ES) VII C 1

Test: Avian Acute LD50

Species: Bobwhite Quail

Results: ~~LD~~^{LD}50 = 5.2 mg/kg (3.5 to 7.6 mg/kg)

Chemical: Diazinon (Technical)

Title: Acute Oral LD50-Bobwhite Quail

Accession No. 228039

Study Date: November 3, 1976

Researcher: Wildlife International Ltd.

Registrant: Ciba-Geigy Corporation

Validation Category: Supplemental

Category Repairability: No

Abstract:

1. No mortality observed during 8 days after treatment with 2.2 mg/kg of Diazinon technical.
2. 100% mortality at 22.0 mg/kg.
3. Mortality occurred within 10 minutes after dosing with 22.0 mg/kg and 46.0 mg/kg.

Validation Category Rationale:

1. Test birds were 2 weeks of age instead of the minimum required age of 16 weeks.
2. Incorrect sex ratio of test birds.
3. Test birds were not observed for a minimum of 14 days after administration of test material.