CASE: 238 DIAZINON

CONT-CAT: 01 GUIDELINES: 71-1

MRID: 109015


REVIEW RESULTS:

VALID ___ INVALID ___ INCOMPLETE ___

GUIDELINE: SATISFIED ___ PARTIALLY SATISFIED ___ NOT SATISFIED __

DIRECT REV 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
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.
103.12 Bird

Data Review Number: (ES) VII C 1

Test: Avian Acute LD$_{50}$

Species: Bobwhite Quail

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

Chemical: Diazinon (Technical)

Title: Acute Oral LD$_{50}$-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.