

US EPA ARCHIVE DOCUMENT

1/23/78

103.1.2 Bird

DATA REVIEW NUMBER: ES C1

TEST: Avian Acute Oral LD₅₀

SPECIES: Mallard Duck (Anas platyrhynchos)

RESULTS: LD₅₀ > 4640 mg/kg

With the exception of an incidental death at the 1000 mg/kg dosage level and a lack of coordination at the 4640 mg/kg dose level did not cause symptoms of toxicity or behavioral abnormalities at the dosage level tested. Body weight or food consumption did not differ significantly from negative controls.

CHEMICAL: FMC 33297 Technical (95.7% A.I.)

TITLE: Acute Oral LD₅₀ - Mallard Duck FMC 33297 Final Report.

ACCESSION NO: 096699

STUDY DATE: July 21, 1975

RESEARCHER: Robert Fink
Wildlife Research Division
Truslow Farms Inc.

REGISTRANT: FMC Corporation

VALIDATION CATEGORY: Core

CATEGORY REPAIRABILITY: NA. This study deviated from present ESS standards for the avian acute oral, in that the birds were only 14 days of age rather than young adult birds at initiation of study. Study is acceptable for basic data requirements because birds at the highest dose level did not die, did not lose weight and consumed comparative amounts of feed.

VALIDATOR: Tom O'Brien 1/23/78

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