

US EPA ARCHIVE DOCUMENT

DATA EVALUATION RECORD

CASE: GS0333

FENAMIPHOS

CONT-CAT: 02 GUIDELINES: 72-1

MRID: 114005

Marking, L. (1970) Letter sent to R. Honeycutt dated March 2, 1970 BAY 68138--toxicity to bullheads: Mobay 26878. (U.S. Fish and Wildlife Service, Fish Control Laboratory; unpublished study; CDL:120301-K).

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: *R. W. Felthousen*

DATE: 12/06/86

APPROVED BY: O. Gutenson

TITLE: Acting Registration Standard Coordinator

ORG: EEB/HED

LOC/TEL:

SIGNATURE: *O. Gutenson*

DATE: 12/21/87

Only 3 test levels with 10 fish/level were tested. In addition the statistical method to determine the LC50 is not adequate. Also the black bullhead in an inappropriate test species. As such, the test does not satisfy the data requirement for a 96-hour LC50 for a warmwater fish species.

103.1.3 Fish

DATA REVIEW NUMBER: ES F3

TEST: Fish Acute 96-hour LC₅₀ - (Warmwater)

SPECIES: Black Bullhead (Ictalurus melas)

RESULTS: 24-hour LC₅₀ = 10 ppm

96-hour LC₅₀ = 10 ppm

CHEMICAL: Bay 68138 Technical

TITLE: Fish Toxicity Data for Bay 68138.

ACCESSION NO: 120301 Report 26878

STUDY DATE: March 2, 1970

RESEARCHER: L. Y. Marking
U.S.D.I. Bureau of Sport Fisheries and Wildlife
LaCrosse, Wisconsin

REGISTRANT: Chemagro

VALIDATION CATEGORY: Supplemental

CATEGORY REPAIRABILITY: No - Only 10 fish were tested per test level and only 3 test levels were conducted. In addition the black bullhead is not considered a sensitive indicator species for evaluation of environmental hazard. In addition the method of estimation of 50% mortality is not sufficient for determination of an accurate LC₅₀.