

DATA EVALUATION RECORD

PAGE 1 OF

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Wildlife Service, Fish Control Laboratory; unpublished study;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 LC_{50} - (Warmwater)

SPECIES: Black Bullhead (Ictalurus melas)

RESULTS: 24-hour LC_{50} = 10 ppm

96-hour LC_{50} = 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 0 of 50% mortality is not sufficient for determination of an accurate LC_{50} .