DATA EVALUATION RECORD PAGE 1 OF

CASE: GS0333 FENAMIPHOS

CONT-CAT: 02 GUIDELINES: 72-2

MRID: 94220

U.S. Fish and Wildlife Service, Pesticide Field Station (1970) Bioassay Screening Test: Mobay 26522. (Unpublished study; CDL:007178-E).

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: 12/04/86

APPROVED BY: O. Gutenson

TITLE: Acting Registration Standard Coordinator

ORG: EEB/HED

LOC/TEL:

SIGNATURE: Otto Gutenson DATE: 12/21/87

Screening tests were performed on the eastern oyster, pink shrimp and sheepshead minnow. Because of such factors as dosage levels, number of organisms tested and formulation none of these tests fulfill data requirements for marine organisms.

4 pages

103.1.4 Aquatic Invertebrates

DATA REVIEW NUMBER: ES S1

TEST: 48-hour Acute LC_{50}

SPECIES: Eastern Oyster (Crassostrea virginica)

RESULTS: No effect at 1.0 ppm.
There was a 50% decrease in shell deposition noted compared to controls at 96-hours exposure.

CHEMICAL: Nemacur 68138 3 lbs/gal spray conc. (35% A.I.)

TITLE: Toxicity Studies on Crustacea, Mollusks and Fish.
J. L. Lowe
USDI Bureau of Commercial Fisheries
Gulf Breeze, Florida

ACCESSION NO: 120301 Report No. 26522

STUDY DATE: January 12, 1970

RESEARCHER: Jack L. Lowe
Bureau of Commercial Fisheries
Pesticide Field Station
Gulf Breeze, Florida
(Now EPA Pest Research Lab)

REGISTRANT: Chemagro

VALIDATION CATEGORY: Supplemental

CATEGORY REPAIRABILITY: No - This study only tested three dose levels and did not determine any mortality effect, while only testing up to 1 ppm.

103.1.4 Aquatic Invertebrates

DATA REVIEW NUMBER: ES M1

TEST: Acute 48-hour LC_{50}

SPECIES: Pink Shrimp (Penaeus duorarum)

RESULTS: 24-hour EC_{50} 0.28 mg/l (ppm)

48-hour EC_{50} 0.15 mg/l (ppm)

screening test

CHEMICAL: Nemacur 3 lbs/gal spray concentrate (35% A.I.)

TITLE: Toxicity Studies on Crustacea, Mollusks and Fish
J. L. Lowe
USDI, Bureau of Commercial Fisheries
Gulf Breeze, Florida

ACCESSION NO: 120301 Report No. 26522

STUDY OATE: January 12, 1970

RESEARCHER: Jack L. Lowe
Bureau of Commerical Fisheries
Pesticide Field Station
Gulf Breeze, Florida
(Now EPA Pest Research Lab.)

REGISTRANT: Chemagro

VALIDATION CATEGORY: Supplemental

CATEGORY REPAIRABILITY: Yes - The study could go to Core for Formulated product if all test methods were submitted, particulary the number of organisms used/dose level. This study cannot support technical grade material, and it is not a fresh water invertebrate. Study was not a 96-hour LC_{50} as required.

103.1.3 Fish

DATA REVIEW NUMBER: ES 01

TEST: Fish Acute 96-hour LC_{50} - marine

SPECIES: Sheepshead minnow (Cyprinodon variegatus)

RESULTS: 24-hour EC_{40} = 1.0 ppm

48-hour EC_{50} = 0.32 ppm

CHEMICAL: Nemacur 68138 3 lbs/gal spray concentrate (35% A.I.).

TITLE: Toxicity Studies on Crustacea, Mollusks and Fish.
J. L. Lowe
USDI, Bureau of Commercial Fisheries
Gulf Breeze, Florida

ACCESSION NO: 120301 Report No. 26522

STUDY DATE: January 12, 1970

RESEARCHER: Jack L. Lowe
Bureau of Commercial Fisheries
Pesticide Field Station
Gulf Breeze, Florida
(Now EPA Pest Research Lab)

REGISTRANT: Chemagro

VALIDATION CATEGORY: Supplemental

CATEGORY REPAIRABILITY: No - Only 3 test levels were tested, methods were not outlined and the number of fish tested were not given.
The study was not an 96-hour LC_{50}.