

Rec'd Team 16
1/25/83

SHAUGHNESSEY NO.

REVIEW NO.

EEB BRANCH REVIEW

DATE: IN 1/17/83 OUT 24 JAN 1983

FILE OR REG. NO. 16-319

PETITION OR EXP. PERMIT NO.

DATE OF SUBMISSION 1/4/83

DATE RECEIVED BY HED 1/14/83

RD REQUESTED COMPLETION DATE 1/24/83

EEB ESTIMATED COMPLETION DATE 1/20/83

RD ACTION CODE/TYPE OF REVIEW 150/protocol

TYPE PRODUCT(S): I, D, H, F, N, R, S Insecticide

DATA ACCESSION NO (S).

PRODUCT MANAGER NO. W. Miller (16)

PRODUCT NAME (S) Oftanol 1.5G: 3125 - GGR

Oftanol 5G: 3125- GGN

COMPANY NAME Mobay Chemical Corporation

SUBMISSION PURPOSE Proposed Changes/Protocol for fish

Embryo-Larvae study.

| SHAUGHNESSEY NO. | CHEMICAL, & FORMULATION | % A.I. |
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM:

TO: W. Miller, Product Manager (25)
Registration Division

THRU: Harry Craven, Section Head *H.T. Craven*
Ecological Effects Branch
Hazard Evaluation Division (TS-769)

THRU: *For* Clayton Bushong, Chief *P.W. Matheny*
Ecological Effects Branch
Hazard Evaluation Division (TS-769)

SUBJECT: Review proposed changes and protocol for
fish embryo-larvae study.

The Ecological Effects Branch (EER) has reviewed the protocol submitted by Mobay pertaining to the oftanol trout early life stages study. All of the major points that were discussed during the meeting on December 1982, are included in this new protocol. The significant deficiencies in the previous study (Rexrode 10/4/82) included the lack of information regarding fish growth (weight and length of survivors), and the excessive control mortality during the "swim-up" stage. The present protocol addresses the fish growth problem by including the length and weight of all survivors in each replicate for each concentration. This office would also require that the time interval between each fish development stage (embryo-larvae-swim up) be included in the final report. Mobay's present protocol appears to be acceptable with the addition of the above suggestions.

Michael Rexrode
Michael Rexrode
Fishery Biologist
Ecological Effects Branch
Hazard Evaluation Division (TS-769)

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