

US EPA ARCHIVE DOCUMENT

EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 11/28/77 OUT 7/6/78 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 21137-4

PETITION OR EXP. PERMIT NO. 7F1921

DATE DIV. RECEIVED Nov. 28, 1977

DATE OF SUBMISSION Nov. 23, 1977

DATE SUBMISSION ACCEPTED 3CID-No

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

PRODUCT MGR. NO. 21 (E. Wilson)

PRODUCT NAME(S) FUNGINEX

COMPANY NAME EM Laboratories, Inc.

SUBMISSION PURPOSE resubmission, blueberries and peaches

CHEMICAL & FORMULATION Triforine [N,N'-[1,4-piperazinediylbis
(2,2,2-trichloroethylidene)] bis[for-
mamide]

1.0 Introduction

1.1 This is a resubmission with data. See the previous review dated October 18, 1977.

1.2 The registrant claims in the cover letter of November 23, 1977 that the submitted fish study was included in the original February 8, 1977 submission. However, our subsequent meeting with the registrant on November 30, 1977 revealed that the fish study was accidentally omitted.

2.0 Directions for Use

2.1 We assume no change in the use directions. Therefore, refer to the previous review of October 18, 1977.

3.0 Discussion of Data

3.1 3H/14C-Triforine Residues in Fish, 7F1921, 21137-4, acc. #095811, pg. 37.

This fish study was previously reviewed in our evaluation of 239-EUGL dated August 19, 1975. Accumulation in fish is not expected.

4.0 Recommendations

4.1 Per Dr. Rogoff's memo of August 12, 1977, the previously reviewed data is not being rereviewed or validated at this time.

4.2 We do not know the fate of Triforine.

The field dissipation and effects on microbes studies are still needed as indicated in our previous review of this submission dated October 18, 1977. See that review for protocol (5.2.1 and 5.3.1, pages 7-9).

Ronald E. Ney, Jr.
July 6, 1978

Samuel M. Creeger
July 6, 1978

Environmental Chemistry Section
EEEB

Ronald E. Ney, Jr. Reg. 2 7/13/78

Samuel M. Creeger July 14, 1978