To: Product Manager  
   TS-  

Through: Dr. Gunter Zweig, Chief 
         Environmental Fate Branch 

Through: Mr. James Conlon, Acting Director. 
         Hazard Evaluation Division 

From: Review Section #1  
       Environmental Fate Branch  

Attached please find the environmental fate review of: 

File Symbol 

Reg. No.  R1/37-462 

EUP No. 

PP No. 
EEE BRANCH REVIEW

DATE: IN OUT IN 4/11 OUT 7/6/78 IN OUT

FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 21137 - 402

PETITION OR EXP. PERMIT NO.

DATE DIV. RECEIVED 4/10/78

DATE OF SUBMISSION 4/7/78

DATE SUBMISSION ACCEPTED 4/10/78 3C1D - No

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

PRODUCT MGR. NO. Wilson #21

COMPANY NAME(S) EM Laboratories, Inc.

SUBMISSION PURPOSE submission of data - blueberries & peaches

CHEMICAL & FORMULATION Triforine [N, N'-[1, 4-piperazinediylbis (2, 2,
2-trichloroethylidene)] bis [formamide]
1.0 Introduction

1.1 The registrant has submitted data in response to our meeting of November 30, 1977. See our record of the meeting in the file.

2.0 Directions for Use

2.1 See our previous review of 7F1021 dated October 18, 1977.

3.0 Recommendations

3.1 We do not know the fate of triforine

3.2 The registrant has not submitted the information we requested at the November 30, 1977 meeting. We mentioned we would consider the German field dissipation studies if the registrant would show that the ratios between the soil bacteria, fungi, actinomycetes and algae are comparable to those ratios in U.S. soils. We need this comparison and a copy of the German studies in question to perform our review.

3.3 The effects on microbes study remains outstanding.

3.4 See our review of 21137-4 (7F 1921) dated July 6, 1978 for the evaluation of the fish study mentioned in the October 18, 1977 review of 21137-4 (7F 1921), Section 5.2.2.

RWCook 7-24-78

Samuel M. Creeger
Environmental Chemistry Section

July 26, 1978

7/6/78