

US EPA ARCHIVE DOCUMENT

Shaughnessey No. 083601

Date Out EFB: 16 NOV 1984

To: H. Jacoby
Product Manager 21
Registration Division (TS-767)

From: Samuel Creeger, Chief 
Review Section No. 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No: 8340-15

Chemical: Triphenyltin Hydroxide

Type Product: Fungicide

Product Name: BRESTAN 47.5 WP

Company Name: American Hoechst

Submission Purpose: Protocol review - anaerobic soil metabolism

ZBB Code: _____

ACTION CODE: 451

Date in: 11/6/84

EFB # 5085

Date completed: 11/16/84

Tais (level II) Days

63

0.25

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

MRI 143276


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1.0 INTRODUCTION

American Hoechst has submitted a protocol for an anaerobic soil metabolism study for the fungicide TPTH (triphenyltin hydroxide).

2.0 DISCUSSION

The protocol is attached to this review and is acceptable if the following are adhered to:

- (1) In §4.1.1 "Preparation of the Soil", during the 2 week reactivation period, the moisture level should be maintained at ca. 40% of capacity.
- (2) The aerobic incubation should be carried out for 1-2 half-lives as determined from the aerobic metabolism study.

Also, care should be taken to minimize losses of organotin species through volatilization during the extraction process.



Norma Kay Whetzel
November 16, 1984
Review Section No. 1
Exposure Assessment Branch
Hazard Evaluation Division

$$\begin{array}{r} 450 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 120474 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 451 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 125236 \\ \hline 5 \end{array}$$

DEC 21 1984

American Hoechst Corp.
 Agricultural Div.
 Rt. 202-206 North
 Somerville, NJ 08876

Attention: V. A. Dorr

Gentlemen:

Subject: Brestan H 47.5 WP Fungicide
 EPA Registration No. 8340-15
 Your Letter of June 18, 1984

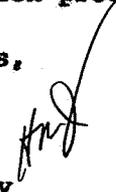
MRID 143246

The submitted test protocol (assigned Accession Number 255274) for the study of soil metabolism of TPTH (triphenyltin hydroxide) has been reviewed by our scientific staff.

The protocol is acceptable with the following provisions:

1. In §4.1.1 "Preparation of the Soil," during the 2-week reactivation period, the moisture level should be maintained at ca. 40% of capacity.
2. The aerobic incubation should be carried out for 1-2 half-lives as determined from the aerobic metabolism study.
3. Care should be taken to minimize the losses of organotin species through volatilization during the extraction process.

Sincerely yours,



Henry M. Jacoby
 Product Manager (21)
 Fungicide-Herbicide Branch
 Registration Division (TS-767)

Job-03211:Jacoboy:RD-55:tar:Kendrick:898-1270:12/14/84:Del.12/27/84

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

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