

US EPA ARCHIVE DOCUMENT

Shaughnesy No.: 059101

Date Out of EAB: OCT 13 1988

To: Dennis Edwards  
Product Manager #12  
Registration Division (TS-767C)

From: Paul Mastradone, Acting Chief *PM*  
Environmental Chemistry Review Section #1  
Environmental Fate and Ground Water Branch (TS-769C)

Thru: Henry Jacoby, Acting Chief *Henry Jacoby*  
Environmental Fate and Ground Water Branch (TS-769C)

Attached, please find the EAB review of ...

Reg./File #: 464-404

Chemical Name: Chlorpyrifos

Type Product: Insecticide

Company Name: Dow Chemical

Purpose: Review Terrestrial Field Dissipation Study

Date Received: 9/26/88

Action Code: 661

Date Completed: 10/13/88

EAB#(s): 80131

Monitoring Study Requested: \_\_\_\_\_

Total Reviewing Time: 2 days

Monitoring Study Voluntarily: \_\_\_\_\_

Deferrals To: \_\_\_\_\_

Ecological Effects Branch

Dietary Exposure Branch

Toxicology Branch

ORIGINAL NAME: Chlorpyrifos 11-19-87 41194 Hed (RD PROVIDE) SIGNATURE NO. 059701

Identifying Number	Action Code	Reference Number	Record Number	Study Guideline or Narrative Description	Reg. Std. Review Submission Criteria (SEE BELOW)	Accession Number	(RED/BUD/TSS Complete) Study found to be Acceptable (A)/ Unacceptable (U) for review or reviewer comment
464-404	661	1	207935	164-1	<del>3</del>	40395201	

PRODUCT MANAGER (PM) or REVIEW MANAGER (RM) AND NUMBER: EDWARDS (12) PM/RM TEAM MEMBER AND NUMBER: Allen

DATE RECEIVED (EPA): 11-3-87 RD BRANCH CHIEF INITIALS: HPK

CHECK APPLICABLE BOX:

Adverse 6(a)(?) Data (405,406)  Product Specific Data (Reregistration) (655,656)

Suspect Data (415,416)  Generic Data (Reregistration) (660,661)

IBT Data (485,486)  Special Review Data (870,871)

NUMBER OF INDIVIDUAL STUDIES SUBMITTED: 1

HAVE ANY OF THE ABOVE STUDIES (in whole or in part) BEEN PREVIOUSLY SUBMITTED FOR REVIEW? (circle: yes or no) If yes, please identify the study(ies):

RELATED ACTIONS:

INSTRUCTIONS:

TO BE COMPLETED BY RSERB

DATE SENT TO HED/BUD/TSS: 11-19-87

PRIORITY NUMBER: 50

PROJECTED RETURN DATE: 1-18-88

DATE RETURNED TO RD (HED/BUD/TSS PROVIDE):

REVIEWS SENT TO:

ED:  SIS  TB  RCB  EAB  EEB RD:  TSS BUD:  EAB  SSB

TYPE OF REVIEW	NUMBER OF ACTIONS			FOR DATA SUBMITTED UNDER A REGISTRATION STANDARD: Review Submission Criteria.
	Reregistration	Special Review	Other	
Toxicology				<b>Policy Note #31</b> 1 = data which meet 6(a)(2) or meet 3(c)(2)(B) flagging criteria 2 = data of particular concern 3 = data necessary to determine tiered testing requirements  <b>NOTE TO TSS:</b> Return 1 Copy To RSERB
<del>Ecological Effects</del>	<del>3</del>			
<del>Residue Chemistry</del>				
<del>Exposure Assessment</del>	1			
Product Chemistry				
Efficacy				
Precautionary Labeling/Acute Tox.				
Science Support				
Economic Analysis				

INCLUDE AN ORIGINAL AND FOUR (4) COPIES OF THIS COMPLETED FORM FOR EACH BRANCH CHECKED FOR REVIEW.

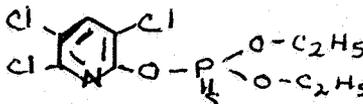
2

1. Chemical: Chlorpyrifos

Chemical Name: O,O-diethyl O-(3,5,6-trichloro-2-pyridyl)phosphorothioate

Trade Names: Lorsban, Dursban, Lock On

Structure:



2. Test Material: N/A

3. Study/Action Type: Review terrestrial dissipation study

4. Study Identification:

Field Dissipation and Leaching of Chlorpyrifos. D. D. Fontaine, et al. October 21, 1987. Performed by Agricultural Chemicals Research and Development Laboratory, Dow Chemical, Midland, MI. Submitted by Dow Chemical. Acc. #403952-00.

5. Reviewed By:

Patricia Ott  
Chemist  
Environmental Chemistry Review Section #1

Signature: *Pat Ott*  
Date: 10/13/88

6. Approved By:

Paul Mastradone  
Acting Chief  
Environmental Chemistry Review Section #1

Signature: *Paul Mastradone*  
Date: OCT 13 1988

7. Conclusions:

Since a SRR (formerly FRSTR) is being done for Chlorpyrifos, the study was reassigned to the SRR reviewer (Padma Datta) on 10/13/88. The study will be reviewed under the SRR process, and incorporated into the Environmental Fate and Ground Water Branch's science chapter.

8. Recommendations:

See Section #7 (Conclusions) above.

9. Background:

A Registration Standard (2/84) and two Addendums (3/85 and 10/86) have been done for Chlorpyrifos. Now a SRR (formerly FRSTR) will be done (projected completion date is 11/88).

10. Review of Individual Studies: N/A

11. Completion of One-Liner: N/A

12. CBI Appendix: N/A