

4/20/87

029001

Date Out EAB:

6

To:

Werdig

Product Manager 50

Registration Division (TS-767)

From:

Herbert Manning Ph.D., Acting Chief
Environmental Chemistry Review Section 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No.:

Chemical: 1,3-Dichloropropene

Type Product: Insecticide

Product Name: Telone II

Company Name: DOW

Submission Purpose: Ground Water Data Call In

ACTION CODE: 495

Date In: 10/31/86

EAB # 70070

Date Completed: 6.

TAIS (level II) Days

0.25

Referrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

Monitoring study requested by EAB: ☐

Monitoring study voluntarily conducted by registrant: ☐

2/25 PCD

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INTRODUCTION:

DOW has requested a time extension until the end of November for the Anaerobic Soil Metabolism study (162-2) required under the Ground-Water-Data-Call-In.

DISCUSSION:

EAB agrees on an extension for the anaerobic soil metabolism study (162-2) until January 1, 1987. If DOW foresees the inability of meeting this deadline, please let me know. Data from the anaerobic soil metabolism study will be needed to assess 1,3-D and its degradate(s) and the fate of 1,2-D and chloroallyl alcohol under anaerobic conditions. It will be important to compare the results of this study (162-2) with ongoing prospective field dissipation studies. The chemicals 1,3-D and 1,2-D (impurity in the Telone II product) have been flagged as leaching chemicals. Any further requests for monitoring work on DOW's part will be influenced by the outcome of the anaerobic soil metabolism study.



Catherine Eiden
Ground-Water-Data-Call-In
EAB

REGISTRATION DIVISION DATA REVIEW RECORD
Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

192624 R
11-4-86

1. CHEMICAL NAME 1,3-DICHLOROPROPENE									
2. IDENTIFYING NUMBER 029001		3. ACTION CODE 495		4. ACCESSION NUMBER N/A		TO BE COMPLETED BY PM			
						5. RECORD NUMBER 184 744			
						6. REFERENCE NUMBER			
						7. DATE RECEIVED (EPA) 10/31/86			
						8. STATUTORY DUE DATE 10 DAYS			
						9. PRODUCT MANAGER (PM) G. Werdia/S. Lewis			
						10. PM TEAM NUMBER 50			
14. CHECK IF APPLICABLE									
<input type="checkbox"/> Public Health/Quarantine <input type="checkbox"/> Minor Use <input type="checkbox"/> Substitute Chemical <input type="checkbox"/> Part of IPM <input type="checkbox"/> Seasonal Concern <input type="checkbox"/> Review Requires Less Than 4 Hours									
TO BE COMPLETED BY PCB 11. DATE SENT TO HED/TSS 10-31-86 12. PRIORITY NUMBER 29 13. PROJECTED RETURN DATE 11-10-86									
15. INSTRUCTIONS TO REVIEWER					F. INSTRUCTIONS				
A. HED <input type="checkbox"/> Total Assessment - 3(c)(5) <input type="checkbox"/> Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977. B. SPRD (Send Copy of Form to SPRD PM) <input type="checkbox"/> Chemical Undergoing Active RPAR Review <input type="checkbox"/> Chemical Undergoing Active Registration Standards Review					C. <input type="checkbox"/> BFSD D. <input type="checkbox"/> TSS/RD E. <input type="checkbox"/> Other Do you agree with Dow's request for a time extension anaerobic soil metabolism.				
16. RELATED ACTIONS									
17. 3(c)(1)(D)					18. REVIEWS SENT TO				
<input type="checkbox"/> Use Any or All Available Information <input type="checkbox"/> Use Only Attached Data <input type="checkbox"/> Use Only the Attached Data for Formulation and Any or All Available Information on the Technical or Manufacturing Chemical.					<input type="checkbox"/> TB <input type="checkbox"/> EEP <input type="checkbox"/> EF <input type="checkbox"/> PL <input type="checkbox"/> RCB <input type="checkbox"/> EFB <input type="checkbox"/> CH <input type="checkbox"/> BFSD				
19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	ECOLOGICAL EFFECTS								
	RESIDUE CHEMISTRY								
	<input checked="" type="checkbox"/> ENVIRONMENTAL DATA 6. EIDEN								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFSD	ECONOMIC ANALYSIS								
20. <input type="checkbox"/> Label Submitted with Application Attached		21. <input type="checkbox"/> Confidential Statement of Formula		22. <input type="checkbox"/> Representative Labels Showing Accepted Uses Attached		23. Date Returned to RD (to be completed by HED)		24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.	

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DOW CHEMICAL U.S.A.

October 27, 1986

P.O. BOX 1706
MIDLAND MICHIGAN 48641

Ms. Geraldine W. Werdig, Chief
Data Call-In Program
Office of Pesticide Programs
Registration Division (TS-767C)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, DC 20460

Dear Ms. Werdig:

**SUBJECT: SPECIAL DATA CALL-IN NOTICE FOR GROUND WATER, TOXICOLOGY,
RESIDUE AND RELATED DATA FOR 1,3-DICHLOROPROPENE**

Under terms of the subject data call-in notice, we are conducting an anaerobic soil metabolism study with 1,3-dichloropropene. This study was scheduled to be submitted during July, 1986; however, by our letter of September 30, 1986, we reported difficulty in identifying several metabolites found during the course of the study and indicated that submission of the study report would be delayed until the end of October. Unfortunately, this completion time estimate has proven to be overly optimistic and we now project that the study report can not be submitted before the end of November. The problem continues to center on metabolite identification. If you desire to discuss the specific nature of the problem, please feel free to contact the principal investigator, Dr. P. J. McCall at (517) 636-3302.

Again, we regret this delay and trust that it will not create any problems. If you have need to contact me, please call (517) 636-6384.

Sincerely,

Robert W. Morgan
Manager, Regulatory Planning
Agricultural Products Department

kks

cc: Mr. Henry M. Jacoby, Product Manager (21), Registration Division
(TS-767C), U.S. Environmental Protection Agency, Room 227, Crystal
Mall #2, 1921 Jefferson Davis Highway, Arlington, VA 22202.