

US EPA ARCHIVE DOCUMENT

068103

Date Out EAB: MAY 06 1986

To: G. Werdig
Product Manager 50
Registration Division (TS-767)

From: Samuel M. Creeger, Chief *SAC*
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: Methylisothiocyanate

Type Product: _____

Product Name: _____

Company Name: _____

Submission Purpose: Response submission for GWDCI/

ACTION CODE: 495

Date In: 4/8/86

EAB # 6512

Date Completed: MAY 06 1986

TAIS (level II) Days

0.1

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

Monitoring study requested by EAB:

Monitoring study voluntarily conducted by registrant:

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

15795
4-8-86

1. CHEMICAL NAME METHYL Isothiocyanate

2. IDENTIFYING NUMBER <u>68103</u>	3. ACTION CODE <u>495</u>	4. ACCESSION NUMBER <u>262209</u>	TO BE COMPLETED BY PM
			5. RECORD NUMBER <u>170.016</u>
			6. REFERENCE NUMBER
			7. DATE RECEIVED (EPA) <u>4-7-86</u>
			8. STATUTORY DUE DATE
			9. PRODUCT MANAGER (PM) <u>G. J. Dondio / S. Lewis</u>
			10. PM TEAM NUMBER <u>50</u>

14. CHECK IF APPLICABLE	TO BE COMPLETED BY PCB
<input type="checkbox"/> Public Health/Quarantine	11. DATE SENT TO HED/TSS <u>04-08-86</u>
<input type="checkbox"/> Substitute Chemical	12. PRIORITY NUMBER <u>20</u>
<input type="checkbox"/> Seasonal Concern	13. PROJECTED RETURN DATE <u>06-09-86</u>

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.	<u>Screening Hydrolysis, Photo degradation in water, leaching - Adsorption/Desorption</u>
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	

16. RELATED ACTIONS

17. 3(c)(1)(D) <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.	18. REVIEWS SENT TO <input type="checkbox"/> TB <input type="checkbox"/> EEB <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								
RD/TSS	X ENVIRONMENTAL DATA <u>SAM Project</u>								
	CHEMISTRY								
	EFFICACY								
BFSD	PRECAUTIONARY LABELING								
	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.
--	--	---	--	--

2

INTRODUCTION:

The data package is incomplete, and therefore, cannot be fully screened to assess the leaching potential of Methylisothiocyanate. More information is needed. The data gaps are: Photolysis on Soil (161-3) and Anaerobic Soil Metabolism (162-2).

Therefore, the RD Data Review Record is being returned. We are retaining our hard copy of the fate data (composed of the previously sent incomplete data package) in our EAB files for easy access in the future. When the registrant submits the above studies and missing data, then the data package will be complete. Upon completion of the package, please submit the studies listed above. Those studies, in conjunction with those previously submitted, can then be fully screened.

Catherine Eiden
Section # 1
EAB

