

US EPA ARCHIVE DOCUMENT

Pack # 12558

Date Out EAB: 068103
MAR 14 1986

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

From: Samuel M. Creeger, Chief *SM*
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: MITC

Type Product: _____

Product Name: _____

Company Name: _____

Submission Purpose: Response to GWDCI

Date In: 11/25/85

Date Completed: MAR 14 1986

ACTION CODE: 495

EAB # 6176

TAIS (level II) Days

.25

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

Monitoring study requested by EAB:

Monitoring study voluntarily conducted by registrant:

(RD PROVIDE)
SHAUGHNESSY NO.

12558

CHEMICAL NAME:

Methyiso thiocyanate

68103

Identifying Number	Action Code	Reference Number	Record Number	Study Guideline or Narrative Description	Reg. Std. Review Submission Criteria (SEE BELOW)	Accession Number	(RSERB Provide) MRID Number	(HED/EUD/TSS Complete) Review Results: Acceptable (A)/ Unacceptable (U)
68103	495		162723	Aerobic Soil Metabolism Study		260263		

PRODUCT MANAGER (PM) OR REVIEW MANAGER (RM) AND NUMBER:

G. Warda 50

PM/RM TEAM MEMBER AND NUMBER:

S. Lewis 50

DATE RECEIVED (EPA):

11-8-85

RD BRANCH CHIEF INITIALS:

CHECK APPLICABLE BOX:

- Adverse 6(a)(2) Data (405,406)
- Suspect Data (415,416)
- IBT Data (485,486)
- Groundwater Data (495,496)
- Data Waiver Request (Reregistration) (650,651)
- Formulation Data and Labeling (Reregistration) (655,656)
- Generic Data (Reregistration) (660,661)
- Special Review Data (870,871)

AH

NUMBER OF INDIVIDUAL STUDIES SUBMITTED:

2

TO BE COMPLETED BY RSERB

REVISED ACTIONS:

DATE SENT TO HED/EUD/TSS: 11-20-85

INSTRUCTIONS:

By January 19, 1986, could you please REVIEW the attached Aerobic Metabolism Studies. Please see 11/7/85 letter from NPL-AM requesting quick review in case they have to redo the study.

PRIORITY NUMBER:

20

PROJECTED RETURN DATE:

1/19/86

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

REVIEWS SENT TO:

HED: SIS TB RCB EAB TEB RD: TSS EUD: EAB SSB

TO:	TYPE OF REVIEW	NUMBER OF ACTIONS		
		Reregistration	Special Review	Other
HED	Toxicology			
	Ecological Effects			
	Residue Chemistry			
	<input checked="" type="checkbox"/> Exposure Assessment <i>Sum Coozi</i>			
RD/TSS	Product Chemistry			
	Efficacy			
	Precautionary Labeling/Acute Tox.			
B	Science Support			
	Economic Analysis			

FOR DATA SUBMITTED UNDER A REGISTRATION STANDARD: Review Submission Criteria

Policy Note #31

- 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

NOTE TO TSS: Return 1 Copy To RSERB

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

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: Hydrolysis (161-1), Photolysis on Soil (161-3), Photolysis in Water (161-2), Anaerobic Soil Metabolism (162-2), Leaching Adsorption/Desorption (163-1).

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

