

US EPA ARCHIVE DOCUMENT

3-7-88

Shaughnessy No.: 080803

Date Out of EAB: 3/07/88

FROM: Patrick W. Holden, Team Leader *PWH*  
Ground-Water Team  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)

TO: R. Taylor/Giles; PM 25  
Registration Division (TS-767C)

THRU: Paul F. Schuda, Chief  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)



Attached, please find the Exposure Assessment Branch  
review of:

EPA Reg./File #: \_\_\_\_\_

Chemical Name: Atrazine

Type Product: Herbicide

Company Name: Ciba-Geigy Corp.

Purpose: Report of Ground-Water monitoring data.

Date Received: 02/18/88 Action Code: 405

Date Completed: 2/25/88 EAB#(s): 80441

Monitoring study requested: N/A Total Reviewing Time: 1h

Monitoring study voluntarily:   

Deferrals to: N/A    Ecological Effects Branch

   Residue Chemistry Branch

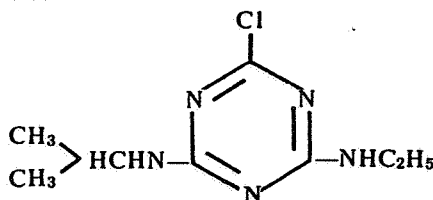
   Toxicology Branch

1. Chemical:

Chemical name: 2-chloro-4-ethylamino-6-isopropyl-amino-1,3,5-triazine

Common name: atrazine

Structure:



2. Test Material: N/A

3. Study/Action Type:

Report of findings of metolachlor and atrazine in ground water by Ciba-Geigy Corp.

4. Study ID:

Letter from Karen S. Stumpf, Ciba-Geigy Corp., to Richard F. Mountfort, RD, OPP, EPA, dated 2/3/88.

5. Reviewed By:

Michael R. Barrett, Chemist  
Ground-Water Team  
EAB/HED

Signature: Michael R. Barrett  
Date: 3/4/88

6. Approved By:

Patrick Holden, Team Leader  
Ground-Water Team  
EAB/HED

Signature: Patrick Holden  
Date: 3/4/88

7. Conclusions:

a.) Atrazine occurred at 3 mg/L (ppm) in a well near a presumed point source in Wisconsin.

b.) Atrazine occurred at 4.8 ppb in a municipal well in Chandler-ville, Illinois; the source of atrazine has not been confirmed.

c.) Atrazine was found at 170 and 70 ppb, respectively, in July and November, 1987 water samples from a private well near a dairy farm and pesticide handling facility. These levels possibly reflect point source contamination.

8. Recommendations:

These data lend support to our previous recommendation for a large-scale retrospective ground-water monitoring study for atrazine.

9. Background: N/A

10. Discussion: N/A
11. Completion of One-Liner: N/A
12. CBI Appendix: N/A

## REGISTRATION DIVISION DATA REVIEW RECORD

*Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)*

44775 HED  
2/18/88

1. CHEMICAL NAME

*Alrazine*

2. IDENTIFYING NUMBER

*100-527*

3. ACTION CODE

*405*

4. ACCESSION NUMBER

TO BE COMPLETED BY PM

5. RECORD NUMBER

*214777*

6. REFERENCE NUMBER

7. DATE RECEIVED (EPA)

*2-9-88*

8. STATUTORY DUE DATE

9. PRODUCT MANAGER (PM)

*Taylor/Giles*

10. PM TEAM NUMBER

*25*

14. CHECK IF APPLICABLE

Public Health/Quarantine

Minor Use

Substitute Chemical

Part of IPM

Seasonal Concern

Review Requires Less Than 4 Hours

TO BE COMPLETED BY PCB

11. DATE SENT TO HED/TSS

*2-17-88*

12. PRIORITY NUMBER

*1*

13. PROJECTED RETURN DATE

*2-1-88*

*Att*

15. INSTRUCTIONS TO REVIEWER

A. HED

Total Assessment - 3(c)(5)

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)

Chemical Undergoing Active RPAR Review

Chemical Undergoing Active Registration Standards Review

C.  BFS

D.  TSS/RD

E.  Other

F. INSTRUCTIONS

*Review 6(a)(2) data  
Alrazine GW findings.  
Reply for RD Records.*

16. RELATED ACTIONS

17. 3(c)(1)(D)

Use Any or All Available Information  Use Only Attached Data  
 Use Only the Attached Data for Formulation and Any or All Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO

TB  EEB  EF  PL  
 RCB  EFB  CH  BFS

19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	ECOLOGICAL EFFECTS								
	RESIDUE CHEMISTRY								
	ENVIRONMENTAL DATA	1							
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFS	ECONOMIC ANALYSIS								

20.  Label Submitted with Application Attached

21.  Confidential Statement of Formula

22.  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.

*4*