

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

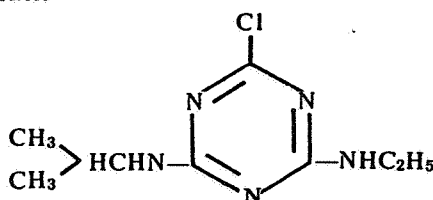
_____ Toxicology Branch

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

Alarazine

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

TO BE COMPLETED BY PCB

11. DATE SENT TO HED/TSS

2-17-88

12. PRIORITY NUMBER

13. PROJECTED RETURN DATE

3-1-88

14. CHECK IF APPLICABLE

☐ Public Health/Quarantine

☐ Minor Use

☐ Substitute Chemical

☐ Part of IPM

☐ Seasonal Concern

☐ Review Requires Less Than 4 Hours

15. INSTRUCTIONS TO REVIEWER

A. HED

☐ Total Assessment - 3(c)(5)

C. ☐ BFSD

☐ Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.

D. ☐ TSS/RD

B. SPRD (Send Copy of Form to SPRD PM)

☐ Chemical Undergoing Active RPAR Review

E. ☐ Other

☐ Chemical Undergoing Active Registration Standards Review

F. INSTRUCTIONS

Review 6(a)(2) data

Alarazine 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

☐ 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

ENVIRONMENTAL DATA

RD/TSS

CHEMISTRY

EFFICACY

PRECAUTIONARY LABELING

BFSD

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.

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