

US EPA ARCHIVE DOCUMENT

4-11-88

Shaughnessy No.: 080803

Date Out of EAB: 4/11/88

FROM: Patrick W. Holden, Team Leader *C.E. for*
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 *Paul F. Schuda*
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: 04/04/88 Action Code: 405

Date Completed: 04/11/88 EAB#(s): 80606

Monitoring study requested: N/A Total Reviewing Time: 2h

Monitoring study voluntarily: --

Deferrals to: N/A _____ Ecological Effects Branch

_____ Residue Chemistry Branch

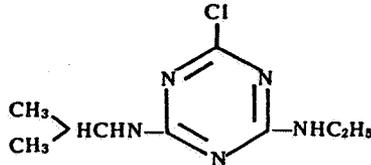
_____ Toxicology Branch

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 atrazine in ground and surface water by Ciba-Geigy Corp.

4. Study ID:

Letter from Karen S. Stumpf, Ciba-Geigy Corp., to Richard F. Mountfort, RD, OPP, EPA, dated 2/26/88.

5. Reviewed By:

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

Signature:

Date:

4/11/88

Approved By:

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

Signature:

Date:

4/11/88

6. Conclusions:

Atrazine was found in ground water in Nebraska and Pennsylvania; no information was supplied on the background for the collection of these samples. Atrazine residues were found in each of 14 lotic surface water sites at at least one of the 12 sampling intervals over the interval from March to November, 1987. Higher values included 28 ppb in Little Crooked Creek, Illinois and 30 ppb in Clifty River, Indiana. Background information was not provided for the surface water samples.

7. Recommendations:

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

8. Background: N/A

9. Discussion: N/A

10. Completion of One-Liner: N/A

11. CBI Appendix: N/A