TO: Robert Taylor  
Product Manager # 25  
-  
Special Review and Reregistration Division (H7508W)
FROM: Elizabeth Behl, Head  
Ground Water Technology Section  
Environmental Fate & Ground Water Branch (EFED H7507C)
THRU: Henry Jacoby, Chief  
Environmental Fate & Ground Water Branch (EFED H7507C)

Attached, please find the EFGWB review of...

Reg./File #: ID #: 283912
Common Name: Atrazine
Product Name: AATREX
Company Name: Ciba-Geigy
Purpose: Acknowledge 615E Data, Obtain Copy of On-Going Study
Type Product: Herbicide
Action Code: 4550  EFGWB # (s): 92-1304  Total Review Time = 1/2 days

| EFGWB Guideline/MDR/Status Summary Table: The review is this package contains...
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Y = Acceptable (Study satisfied the Guideline)/Concur  
P = Partial (Study partially satisfied the Guideline, but additional information is still needed)
S = Supplemental (Study provided useful information, but Guideline was not satisfied)  
N = Unacceptable (Study was rejected)/Non-Concur
CASE/SUBMISSION INFORMATION

CASE TYPE: MISCELLANEOUS
ACTION: 405 6(A)(2) ADVERSE DATA
CHEMICALS: 080803 Atrazine (ANSI) 0.0000%

ID#: 283912
COMPANY: CIBA-GEIGY CORP.
PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241
PM TEAM REVIEWER: JAMES MORGILL 703-305-5705 ROOM: CM2 251
RECEIVED DATE: 08/14/92 DUE OUT DATE: 10/23/92

DATA PACKAGE INFORMATION

DP Barcode: 181923 EXPEDITED: N DATE SENT: 08/25/92 DATE RET.: / /
CHEMICAL: 080803 Atrazine (ANSI)
DP TYPE: 001 Submission Related Data Package
ADMIN DUE DATE: 09/19/92 CSF: N LABEL: N

ASSIGNED TO DATE IN DATE OUT
DIV: EFED 6/12/92 / /
BRAN: EFGB / / /
SECT: GTS / / /
REVR: / / /
CONTR: / / /

DATA REVIEW INSTRUCTIONS

Attention Betsy Behl:

Please review attached report of findings of atrazine, metolachlor, and cyanozine in a well at a dealer site in Wisconsin MRID# 424431-01

ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION

DP BC BRANCH/SECTION DATE OUT DUE BACK INS CSF LABEL

(\(\text{Signature}\))
ATRAZINE

Page 3 is not included in this copy.
Pages ____ through ____ are not included.

The material not included contains the following type of information:

____ Identity of product inert ingredients.
____ Identity of product impurities.
____ Description of the product manufacturing process.
____ Description of quality control procedures.
____ Identity of the source of product ingredients.
____ Sales or other commercial/financial information.
____ A draft product label.
____ The product confidential statement of formula.
____ Information about a pending registration action.
____ FIFRA registration data.
____ The document is a duplicate of page(s) ________.
____ The document is not responsive to the request.

X G(A)(2) DATA

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.
1. CHEMICAL: Common name(s): atrazine

   Chemical name(s): 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine

   Structure(s):

2. TEST MATERIAL: N/A

3. STUDY/ACTION TYPE: [6(a)2 Action] On-going monitoring study resulting from contamination of a community well at a dealer site in Rock County, Wisconsin.

4. STUDY IDENTIFICATION: Study not received to date – atrazine, metolachlor and cyanazine residue detections were reported. The on-going study has been requested.

5. REVIEWED BY: John H. Jordan, Ph.D.
   OPP/EFED/EFGWB/Ground-Water Section
   Signature: [Signature]
   Date: 4/12/92

6. APPROVED BY: Elizabeth Behl, Head
   OPP/EFED/EFGWB/Ground-Water Section
   Signature: [Signature]
   Date: 4/12/92

7. CONCLUSIONS: Results from 3 wells indicate atrazine between 4.7 ppb and 57 ppb, metolachlor from 4.2 to 85 ppb and cyanazine between 8 and 42 ppb. The atrazine residues are above the 3 ppb MCL which may cause unreasonable adverse effects. The lifetime HA for cyanazine is 1 ppb and for metolachlor 100 ppb. The Wisconsin DNR and the Wisconsin Department of Agriculture, Trade and Consumer Products have been contacted for additional information. When the on-going study is received, EFGW Branch will incorporate the data into the Pesticides in Ground-Water Data Base. The Wisconsin Department of Agriculture, Trade and Consumer Products said they would send reports of dealer monitoring studies to the Ground-Water Technology Section.

8. RECOMMENDATIONS: The Ground-Water Technology Section (GWTS) has contacted the State of Wisconsin agency referenced in the attached letter to obtain more information about this reported incident. When the information is received by the GWTS it will be incorporated into the Pesticides in Ground-Water Data Base.
9. **BACKGROUND/DIscussions:** Additional specific information is required to locate/identify and evaluate reported detections of pesticide residues in ground water. If a monitoring program is of fairly short duration, e.g., one year, a final report of detections is sufficient. An annual report of detections is required if a monitoring program is long term, e.g., from 2 - 10 years or longer.

Monitoring reports should be accompanied by computerized raw data submitted on disks. Disks must be IBM compatible and the software and/or file format must be identified. Computer disks must be accompanied by a description of rows (records) and columns (fields).

The detections reported in this 6(a)2 action result from analyses by Wisconsin State Agencies (DNR and DATCP) in wells owned by pesticide dealers. Since Ciba Geigy's information is second-hand (from Wisconsin State Agencies), GWTS has contacted those agencies for more information. Upon receipt, that information will be forwarded to the Pesticide Monitoring Section for inclusion in the Pesticides in Ground-Water Data Base.