

US EPA ARCHIVE DOCUMENT

DP Barcode : D173491  
 PC Code No. : 080803  
 EFGWB Out : 10-6-92

TO: Robert Taylor  
 Product Manager # 25  
 Special Review and Reregistration Division (H7508W)

FROM: Elizabeth Behl, Head *E Behl*  
 Ground Water Technology Section  
 Environmental Fate & Ground Water Branch/EFED (H7507C)

THRU: Henry Jacoby, Chief *Henry Jacoby*  
 Environmental Fate & Ground Water Branch/EFED (H7507C)

Attached, please find the EFGWB review of...

Reg./File # : ID# - 283154

Common Name : ATRAZINE

Product Name : AA troy

Company Name : Ciba - Geigy

Purpose : Acknowledge receipt of 6(12) information + Request additional data

Type Product : Herbicide

Action Code : 405 [6(12)] EFGWB #(s): 92-0464 Total Review Time = 1/2 days

EFGWB Guideline/MRID/Status Summary Table: The review in this package contains...

161-1	162-4	164-4	166-1
161-2	163-1	164-5	166-2
161-3	163-2	165-1	166-3
161-4	163-3	165-2	167-1
162-1	164-1	165-3	167-2
162-2	164-2	165-4	201-1
162-3	164-3	165-5	202-1

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

# CIBA-GEIGY

Agricultural Division  
CIBA-GEIGY Corporation  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300  
Telephone 919 632 6000

421661-01

283154

[6(a)(2)]

Certified Mail

January 3, 1992

Document Processing Desk [6(a)(2)]  
Office of Pesticide Programs (H7504C)  
U.S. Environmental Protection Agency  
401 M. Street, S.W.  
Washington, D.C. 20460

Attn: Mr. Robert J. Taylor, PM 25

Dear Mr. Taylor:

SUBJECT: REPORT OF CIBA-GEIGY CHEMICALS FOUND IN  
GROUND WATER - HOSPERS, IOWA

CIBA-GEIGY recently was informed by a lawyer about ground water contamination at a dealer site in Hospers, Iowa. The site supposedly is now on the Superfund National Priorities list. Atrazine was detected around 5.5 ppb. The dealer is in negotiations with the state on remediation issues.

Sincerely,

*Karen S. Stumpf*  
Karen S. Stumpf  
Senior Regulatory Manager  
Regulatory Affairs

DP BARCODE: D173491

CASE: 283154  
SUBMISSION: S410226

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 01/24/92  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: MISCELLANEOUS      ACTION: 405 DATA-ADVERSE DATA  
CHEMICALS: 080803 Atrazine ( 2-chloro-4-(ethylamino)-6-(isopropylami      0.0000%

ID#: 283154

COMPANY: CIBA-GEIGY CORP.

PRODUCT MANAGER: 25 ROBERT TAYLOR      703-305-6800      ROOM: CM2      241

PM TEAM REVIEWER: JAMES MORRILL      703-305-5705      ROOM: CM2      251

RECEIVED DATE: 01/13/92      DUE OUT DATE: 03/23/92

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 173491      EXPEDITE: N      DATE SENT: 01/24/92      DATE RET.: / /  
CHEMICAL: 080803 Atrazine ( 2-chloro-4-(ethylamino)-6-(isopropylamino)-s-tri  
DP TYPE: 001 Submission Related Data Package  
ADMIN DUE DATE: 02/18/92      CSF: N      LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	01/29/92	/ /
BRAN: EFGB	/ /	/ /
SECT: GTS	/ /	9/30/92
REVR :	/ /	/ /
CONTR:	/ /	/ /

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

Please review attached 6(a)(2) report (MRID# 421661-01) of atrazine contamination of groundwater at a dealer site in Hospers, Iowa.

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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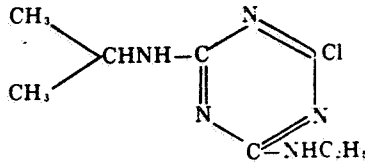
EFG #: 0464

3

1. CHEMICAL: Common name(s): atrazine

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

Structure (s):



2. TEST MATERIAL: N/A

3. STUDY/ACTION TYPE: Acknowledge receipt of pesticide residue detections in wells and request additional information.

4. STUDY IDENTIFICATION: Report of Ciba Geigy Chemicals Found in Ground Water- Wisconsin; Letter from Karen Stumpf to Robert J. Taylor

5. REVIEWED BY: John H. Jordan, Ph.D.  
OPP/EFED/EFGWB/Ground-Water Section  
Signature: John H. Jordan

Date: 9/30/92

6. APPROVED BY: Elizabeth Behl, Head  
OPP/EFED/EFGWB/Ground-Water Section  
Signature: E Behl

Date: 9/30/92

7. CONCLUSIONS: The registrant notified EPA of an atrazine detection in ground water at a dealer's site in Hospers, Iowa. Atrazine was detected at approximately 5.5 ppb at a site reportedly on the Superfund National Priorities list. More detailed information is required as specified in the attached form. The information will be included in EPA's Pesticides in Ground Water Database.

8. RECOMMENDATIONS: Ciba-Geigy should complete the attached 6(a)2 data work sheet and submit the report to the Agency.

9. BACKGROUND/DISCUSSIONS: The data in this action were submitted under Section 6(a)2 of FIFRA. The report of detections contained results of analyses in a sample of ground water above the maximum atrazine contaminant level (MCL=3 ppb) which may result in unreasonable adverse effects. No atrazine degradate information was provided.

2.

Additional specific information is required to locate/identify and evaluate the reported detections of the atrazine residues in ground water. The information requested on the attached 6(a)2 data work sheet will, in most cases, be adequate to meet the requirement. 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.

The 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. The computer disks must be accompanied by a description of rows (records) and columns (fields). These monitoring results will be included in OPP's Pesticides in Ground Water Database.

ENVIRONMENTAL FATE DATA EXTRACTION SHEET  
GROUND WATER MONITORING STUDY - STUDY IDENTIFICATION

INSTRUCTIONS: Complete one study identification sheet for each ground water study location.

STUDY TITLE: \_\_\_\_\_  
CONTACT PERSON: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
STUDY SPONSOR: \_\_\_\_\_  
GUIDELINE NUMBER: \_\_\_\_\_  
MRID: \_\_\_\_\_  
CAS#: \_\_\_\_\_  
PC-CODE: \_\_\_\_\_  
CHEMICAL NAME: \_\_\_\_\_

LOCATION: COUNTRY \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_

PESTICIDE APPLICATION

AMOUNT APPLIED \_\_\_\_\_ lbs-ai/acre  
MEASURED CONCENTRATION \_\_\_\_\_ mg/g  
MAXIMUM ALLOWED \_\_\_\_\_  
NO. APPLICATIONS \_\_\_\_\_  
INTERVAL \_\_\_\_\_  
METHOD OF APPLICATION \_\_\_\_\_  
FORMULATION \_\_\_\_\_  
DATE OF LAST APPLICATION \_\_\_\_\_  
YEARS OF USE \_\_\_\_\_  
APPLICATION SITE \_\_\_\_\_ (bare ground, crop type)

STUDY CONDITIONS

CUMULATIVE RAIN FALL \_\_\_\_\_ in  
MAXIMUM RAIN FALL \_\_\_\_\_ in  
MAXIMUM RAIN FALL DATE \_\_\_\_\_  
CUMULATIVE IRRIGATION \_\_\_\_\_ in  
HIGH TEMPERATURE \_\_\_\_\_  
LOW TEMPERATURE \_\_\_\_\_  
BEGINNING DATE \_\_\_\_\_  
ENDING DATE \_\_\_\_\_  
EVAPOTRANSPIRATION \_\_\_\_\_ in

LIMIT OF DETECTION \_\_\_\_\_  
METHOD OF ANALYSIS \_\_\_\_\_  
COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GROUND WATER STUDY SUMMARY

	<u>YES/NO</u>
MOBILITY TRIGGER MET?	_____
PERSISTENCE TRIGGER MET?	_____
FIELD MONITORING TRIGGER MET?	_____
ARE THERE PARENT DETECTS?	_____
ARE THERE DEGRADATE DETECTS?	_____
ARE DEGRADATE ANALYSES PERFORMED?	_____





ENVIRONMENTAL FATE DATA EXTRACTION SHEET  
GROUND WATER STUDIES - WELL DESCRIPTION

INSTRUCTIONS: Complete information for each well in the ground water study. Well data can be entered electronically.

MRID [REDACTED]

WELL NUMBER: [REDACTED]

WELL USE: [REDACTED]

WELL DEPTH

WELL [REDACTED]  
SCREEN TOP [REDACTED]  
SCREEN BOTTOM [REDACTED]  
ALTITUDE [REDACTED]  
WATER TABLE [REDACTED]

WELL LOCATION

LATITUDE [REDACTED]  
LONGITUDE [REDACTED]  
CITY [REDACTED]  
COUNTY [REDACTED]  
STATE [REDACTED]

WELL NUMBER: [REDACTED]

WELL USE: [REDACTED]

WELL DEPTH

WELL [REDACTED]  
SCREEN TOP [REDACTED]  
SCREEN BOTTOM [REDACTED]  
ALTITUDE [REDACTED]  
WATER TABLE [REDACTED]

WELL LOCATION

LATITUDE [REDACTED]  
LONGITUDE [REDACTED]  
CITY [REDACTED]  
COUNTY [REDACTED]  
STATE [REDACTED]

WELL NUMBER: [REDACTED]

WELL USE: [REDACTED]

WELL DEPTH

WELL [REDACTED]  
SCREEN TOP [REDACTED]  
SCREEN BOTTOM [REDACTED]  
ALTITUDE [REDACTED]  
WATER TABLE [REDACTED]

WELL LOCATION

LATITUDE [REDACTED]  
LONGITUDE [REDACTED]  
CITY [REDACTED]  
COUNTY [REDACTED]  
STATE [REDACTED]

WELL NUMBER: [REDACTED]

WELL USE: [REDACTED]

WELL DEPTH

WELL [REDACTED]  
SCREEN TOP [REDACTED]  
SCREEN BOTTOM [REDACTED]  
ALTITUDE [REDACTED]  
WATER TABLE [REDACTED]

WELL LOCATION

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LONGITUDE [REDACTED]  
CITY [REDACTED]  
COUNTY [REDACTED]  
STATE [REDACTED]

WELL NUMBER: [REDACTED]

WELL USE: [REDACTED]

WELL DEPTH

WELL [REDACTED]  
SCREEN TOP [REDACTED]  
SCREEN BOTTOM [REDACTED]  
ALTITUDE [REDACTED]  
WATER TABLE [REDACTED]

WELL LOCATION

LATITUDE [REDACTED]  
LONGITUDE [REDACTED]  
CITY [REDACTED]  
COUNTY [REDACTED]  
STATE [REDACTED]

