

DP Barcode : 0173430  
PC Code No. : 080807  
EFGWB Out :

MAY 27 1992

TO: Joanne Miller  
Product Manager # 23  
Special Review and Reregistration Division (H7508W)

FROM: Elizabeth Behl, Head (acting)  
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#:000100-00541

Common Name : Simazine

Product Name : Princep

Company Name : Ciba-Geigy

Purpose : Acknowledge Receipt of Detections in Wells & Request Additional  
Information

Type Product : Herbicide

Action Code : 405-6 (a) 2 EFGWB #(s): 92-0450 Total Review Time =  $\frac{1}{4}$  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

DP BARCODE: D173430

CASE: 031532  
SUBMISSION: S410099

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 01/23/92  
Page 1 of 1

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

CASE TYPE: REGISTRATION ACTION: 405 DATA-ADVERSE DATA  
CHEMICALS: 080807 Simazine ( 2-Chloro-4,6-bis(ethylamino)-s-triazine 97.0000%

ID#: 000100-00541 TECHNICAL SIMAZINE

COMPANY: 000100 CIBA-GEIGY CORP.

PRODUCT MANAGER: 23 JOANNE MILLER

703-305-7830 ROOM: CM2 237

PM TEAM REVIEWER: DANIEL KENNY

703-305-6217 ROOM: CM2 235

RECEIVED DATE: 01/15/92 DUE OUT DATE: 03/25/92

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

DP BARCODE: 173430 EXPEDITE: N DATE SENT: 01/23/92 DATE RET.: / /

CHEMICAL: 080807 Simazine ( 2-Chloro-4,6-bis(ethylamino)-s-triazine )

DP TYPE: 001 Submission Related Data Package

ADMIN DUE DATE: 02/17/92

CSF: N

LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	01/29/92	/ /
BRAN: EFGB	/ /	/ /
SECT:	1/29/92	/ /
REVR :	/ /	/ /
CONTR:	/ /	/ /

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

This 6(a)(2) was sent regarding some Ciba-Geigy simazine that was found in a private well in Florida. Ciba-Geigy plans to take samples in the near future. Please advise as to whether or not any action on our part is required at this time. Attached is the letter for your reference. Thanks.

-Dan Kenny

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

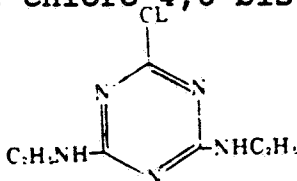
DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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1. CHEMICAL: Common name: simazine

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

Structure:



2. TEST MATERIAL: N/A

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

4. STUDY IDENTIFICATION: A documentation of detections from monitoring wells.

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

Date: 5/21/92

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

Date: 5/26/92

7. CONCLUSIONS: The pesticide residue detections have been received by the Ground-Water Technology Section. More detailed information is required as specified in the attached form.

8. RECOMMENDATIONS: The registrant should complete the attached 6(a)2 data work sheet and submit the information 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 of a pesticide and/or a degradate detected in a sample of ground water. The level of detections reported were above the maximum contaminant levels (MCL) which may result in unreasonable adverse effects.

Additional specific information is required to locate/identify and evaluate the reported detections of pesticide 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.

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2.

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 Data Base.

HH

TRANSMITTAL DOCUMENTNAME AND ADDRESS OF SUBMITTER

Ciba-Geigy Corp.  
P.O. Box 18300  
Greensboro, NC 27419-8300

REGULATORY ACTION IN SUPPORT OF WHICH THIS PACKAGE IS SUBMITTED

FIFRA 6(a)(2)

TRANSMITTAL DATE

1/13/92

LIST OF SUBMITTED STUDIES

Letter to JoAnne Miller dated 1/3/92 from Karen Stumpf  
concerning a report of Ciba-Geigy chemicals found  
in ground water - Avon Park, Florida: Simazine.

1 pg.

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

CIBA-GEIGY

[6 (a) (2)]

Certified Mail

January 3, 1992

421660- *Ø/*

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: Ms. JoAnne Miller, PM 23

Dear Ms. Miller:

SUBJECT: REPORT OF CIBA-GEIGY CHEMICALS FOUND IN  
GROUND WATER - AVON PARK, FLORIDA

CIBA-GEIGY was recently informed by the State of Florida that a private well near Avon Park contains 11.6 ppb of simazine. CIBA-GEIGY plans to take samples in the near future to confirm the extent of contamination. Another herbicide has also been detected at high levels. CIBA-GEIGY will provide followup to the Agency as appropriate.

Sincerely,

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

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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

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

INSTRUCTIONS: Provide soils information for each ground water study location.

pH  
CEC (meq/100g)  
PCT ORGANIC MATTER  
PCT ORGANIC CARBON  
PCT MOISTURE @15BAR  
PCT MOISTURE @0.3BAR  
BULK DENSITY (g/cm<sup>3</sup>)  
PORE VOLUME (%)

pH  
CEC (meq/100g)  
PCT ORGANIC MATTER  
PCT ORGANIC CARBON  
PCT MOISTURE @15BAR  
PCT MOISTURE @0.3BAR  
BULK DENSITY (g/cm<sup>3</sup>)  
PORE VOLUME (%)

pH  
CEC (meq/100g)  
PCT ORGANIC MATTER  
PCT ORGANIC CARBON  
PCT MOISTURE @15BAR  
PCT MOISTURE @0.3BAR  
BULK DENSITY (g/cm<sup>3</sup>)  
PORE VOLUME (%)

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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

WELL NUMBER:

WELL USE:

WELL DEPTH

WELL   
SCREEN TOP   
SCREEN BOTTOM   
ALTITUDE   
WATER TABLE

WELL LOCATION

LATITUDE   
LONGITUDE   
CITY   
COUNTY   
STATE

WELL NUMBER:

WELL USE:

WELL DEPTH

WELL   
SCREEN TOP   
SCREEN BOTTOM   
ALTITUDE   
WATER TABLE

WELL LOCATION

LATITUDE   
LONGITUDE   
CITY   
COUNTY   
STATE

WELL NUMBER:

WELL USE:

WELL DEPTH

WELL   
SCREEN TOP   
SCREEN BOTTOM   
ALTITUDE   
WATER TABLE

WELL LOCATION

LATITUDE   
LONGITUDE   
CITY   
COUNTY   
STATE

WELL NUMBER:

WELL USE:

WELL DEPTH

WELL   
SCREEN TOP   
SCREEN BOTTOM   
ALTITUDE   
WATER TABLE

WELL LOCATION

LATITUDE   
LONGITUDE   
CITY   
COUNTY   
STATE

WELL NUMBER:

WELL USE:

WELL DEPTH

WELL   
SCREEN TOP   
SCREEN BOTTOM   
ALTITUDE   
WATER TABLE

WELL LOCATION

LATITUDE   
LONGITUDE   
CITY   
COUNTY   
STATE

## ENVIRONMENTAL FATE DATA EXTRACTION SHEET

### GROUND WATER STUDIES - STUDY RESULTS

INSTRUCTION: Provide information for each sample taken. Sample data can be entered electronically.

MRID  
CAS NUMBER

[illegible]

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