

US EPA ARCHIVE DOCUMENT

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) *Elizabeth 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#: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 = 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 * * *

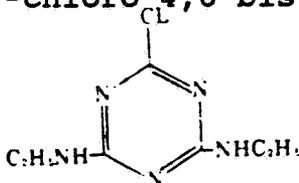
DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL

92

1. CHEMICAL: Common name: simazine

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

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 DOCUMENT

NAME 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.

42166~~00~~1

CIBA-GEIGY

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

[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

**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

MOBILITY TRIGGER MET?	YES/NO
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
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]
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