

US EPA ARCHIVE DOCUMENT

5/28

DP Barcode : 170896  
PC Code No. : 080803  
EFGWB Out : 5/10/93

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

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

THRU: Henry Jacoby, Chief *Henry Jacoby 5/10/93*  
Environmental Fate & Ground Water Branch/EFED (H7507C)

Attached, please find the EFGWB review of...

Reg./File # : \_\_\_\_\_

Common Name : Atrazine

Product Name : AAtrex

Company Name : Ciba Corporation

Purpose : Review Monitoring Data from California.

Type Product : Herbicide Action Code: Yes EFGWB #(s): 93-0665 Review Time: 0.5 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: D190896

CASE: 284663  
SUBMISSION: S440068

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 05/10/93  
Page 1 of 1

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

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

0.0000%

ID#: 284663

COMPANY:

PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241  
PM TEAM REVIEWER: WESLEY ALLEN 703-305-5706 ROOM: CM2 251  
RECEIVED DATE: 04/27/93 DUE OUT DATE: 07/06/93

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

DP BARCODE: 190896 EXPEDITE: N DATE SENT: 05/03/93 DATE RET.: / /

CHEMICAL: 080803 Atrazine (ANSI)

DP TYPE: 001 Submission Related Data Package

ADMIN DUE DATE: 05/28/93 CSF: N LABEL: N

ASSIGNED TO	DATE IN	DATE OUT
DIV : EFED	05/04/93	/ /
BRAN: EFGB	05/04/93	05/10/93
SECT: GTS	05/05/93	05/05/93
REVR : EWALDMAN	05/05/93	05/05/93
CONTR:	/ /	/ /

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

PLEASE REVIEW SAMPLING FOR PEST. IN WELL WATER

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

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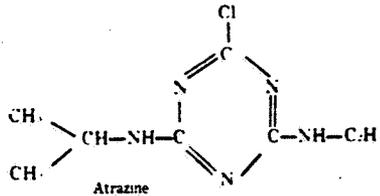
1. CHEMICAL:

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

Common name: Atrazine

Trade name(s): AAAtrex

Structure:

2. TEST MATERIAL:

Not Applicable.

3. STUDY/ACTION TYPE:

Review Pesticide Detections in Ground Water in California.

4. STUDY IDENTIFICATION:

Title: Sampling for Pesticide Residues in California Well Water; 1992 Well Inventory Data Base, Cumulative Report 1986-1992

Author: California Environmental Protection Agency

Submitted for: Ciba Corporation  
P.O. Box 18300  
Greensboro, NC 27419-8300

DP Barcode(s): D190896

Identification Number: 284663

Date Sent to EFED: 5/04/93

5. REVIEWED BY:Estella Waldman  
Hydrologist  
OPP/EFED/EFGWB/Ground-Water SectionSignature: Estella WaldmanDate: 5/5/936. APPROVED BY:Elizabeth Behl  
Acting Section Head  
OPP/EFED/EFGWB/Ground-Water SectionSignature: E BehlDate: 5/5/93

## **7. CONCLUSIONS:**

The submitted report contains information about ground-water wells in California that were sampled for pesticide residues. The monitoring data indicate detections in ground water of several pesticides manufactured by Ciba Corporation including simazine, atrazine, prometon, and diazinon.

The information provided in the submitted report has been incorporated into the "Pesticides in Ground Water Database" and the "Water Resources Impact Analysis for the Triazine Herbicides."

## **8. RECOMMENDATIONS:**

No further action is required on the submitted information.

## **9. BACKGROUND/DISCUSSION:**

The submitted report contains information about ground-water wells in California that were sampled for pesticide residues from November 1, 1983 through June 30, 1992. The data are a compilation of the results from 249 separate monitoring surveys conducted by 35 agencies and three private firms.

The monitoring data indicate detections in ground water of several pesticides manufactured by Ciba Corporation. These include simazine, atrazine, prometon, and diazinon. Simazine was the second most frequently detected pesticide in the wells that were sampled; 32 percent of the wells with detections contained simazine residues (nine counties). Atrazine was the fourth most frequently detected pesticide; residues were detected in 12 percent of the wells (10 counties). Prometon residues were detected in two percent of the sampled wells in three counties.

In addition, one other Ciba product, diazinon, was detected in ground water in California. No information was provided about the concentrations in ground water for any of these pesticides.