

US EPA ARCHIVE DOCUMENT

100-542

Shaughnessy Number: 080805

Date Out of EFGWB: 1/30/89

TO: J. Miller
 Product Manager 25
 Registration Division (TS-767C)

FROM: Patrick Holden, Chief *Patrick Holden*
 Ground Water Technology Section
 Environmental Fate and Ground-Water Branch
 Environmental Fate and Effects Division (TS-769C)

THRU: Henry Jacoby, Acting Chief *Henry Jacoby*
 Environmental Fate and Ground-Water Branch
 Environmental Fate and Effects Division (TS-769C)

Attached: please find the EFGWB review of:

Reg./File #: _____

Chemical Name: PROMETRYNE

Type Product: Herbicide

Company Name: CIBA - Geigy Corporation

Purpose: Review mobility studies. Determine if ground water monitoring study is needed.

Date Received: 4/29/88 Action Code: 660

Date Completed: 1/30/89 EFGWB #(s): 80731

Monitoring Study Requested: X Total Reviewing Time: 11 days

Monitoring Study Volunteered: _____

Deferrals to: _____ Ecological Effects Branch
 _____ Dietary Effects Branch
 _____ Toxicology Branch

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8. RECOMMENDATIONS:

Available data indicate that prometryn and its degradates (GS-11354 and hydroxypropazine) have the potential to leach into ground water. A ground-water monitoring study should be required to further assess the hazards associated with this chemical.

9. BACKGROUND:

Prometryn is a triazine herbicide used to control annual grasses and broadleaf weeds in cotton and celery. Previous submissions (Memo of 2/20/86 from S. Creeger to G. Werdig) indicated that the compound is persistent in the environment.

The present submissions were reviewed to determine if the potential for prometryn to leach into ground water is sufficient to require a ground-water monitoring study.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

See individual DERs.

11. COMPLETION OF ONE LINER:

Additions to the one liner are attached.

12. CBI APPENDIX:

Not applicable.