

US EPA ARCHIVE DOCUMENT

H791

Shaughnessy No.: 109801

Date Out of EAB: JUL 31 1987

To: L. Rossi/R.Forrest
Product Manager # 21
Registration Division (TS-767)

COPY

From: Therese M. Dougherty, Chief
Environmental Chemistry Review Section 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769-C)

TD

Attached, please find the EAB review of...

Reg./File # : 359-685
Chemical Name: Iprodione
Type Product : Fungicide
Product Name : Rovral Fungicide
Company Name : Rhone-Poulenc, Inc.
Purpose : Review addition to the label of dry bulb onions and peanuts
that may be rotated after harvest.

Action Code: 305 EAB #(s): 70573
Date Received: 5/12/87 TAIS Code: 303
Date Completed: JUL 31 1987 Total Reviewing Time: 0.8 day
Monitoring study requested: _____
Monitoring study voluntarily: _____

Deferrals to: _____ Ecological Effects Branch
_____ Residue Chemistry Branch
_____ Toxicology Branch

1. CHEMICAL: Common name:

Iprodione

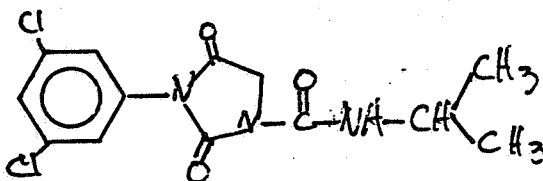
Chemical name:

3-(3,5-Dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide.

Trade name(s):

Rovral, RP 26019, Glycophene

Structure:



Formulations:

50% WP

Physical/Chemical properties:

Molecular formula: $C_{13}H_{13}Cl_2N_3O_3$.

Molecular weight: 329.9

Physical state: White, odorless, nonhygroscopic crystals.

Solubility: Soluble in acetone and benzene. Almost insoluble in water (13 mg/L).

2. TEST MATERIAL:

Not applicable.

3. STUDY/ACTION TYPE:

Amendment of label to include dry bulb onions and peanuts as crops that may be rotated after harvest.

4. STUDY IDENTIFICATION:

Not applicable.

5. REVIEWED BY:

H. Manning
Chemist
EAB/HED/OPP

Signature: Herbert J. Manning
Date: JUL 31 1987

6. APPROVED BY:

Therese M. Dougherty
Chief
Review Section #1, EAB/HED/OPP

Signature: Therese M. Dougherty

Date: JUL 31 1987

7. CONCLUSIONS:

EAB has reviewed the request to add dry bulb onions and peanuts as crops that can be rotated after harvest and find this proposal to be supported by the existence of tolerances that have been established on these crops. However, rotational crop studies will be required on other crops listed under NOTE TO USER statement. See RECOMMENDATION.

8. RECOMMENDATION:

The specimen label (proposed) submitted by the registrant states the following:

NOTE TO USER: The following crops may be rotated after harvest:
Garlic, Dry Bulb Onions, Leafy Vegetables, and Peanuts.

The following crops may be rotated the year following treatment: Root Crops, Cereal Grains, Soybeans, and Tomatoes.

EAB has no rotational crop data for any of the crops listed. However, it was communicated to us by Residue Chemistry Branch that the crops shown as being rotated after harvest (garlic, dry bulb onions, head lettuce, and peanuts) have established tolerances, which would allow them to be rotated after harvest without the need for rotational crop studies.

Therefore, the registrant's request to add dry bulb onions and peanuts to their label as crops that can be rotated after harvest is supported by the tolerances that have been established. This support also includes garlic, which also has an established tolerance. However, the "crop" listed as Leafy Vegetables should be replaced by Head Lettuce, since only this leafy vegetable has an established tolerance. Other leafy vegetables that do not have a tolerance would require a confined rotational crop study.

The second line in the NOTE TO USER statement refers to rotating root crops, cereal grains, soybeans, and tomatoes one year after treatment. We cannot support these rotations. We have no rotational crop data on these crop groupings/crops, therefore, radiolabeled, confined rotational crop studies are required for them.

9. BACKGROUND:

A. Introduction

Rhone-Poulenc is requesting a change in the rotational crop statement on their Rovral label to include dry bulb onions and peanuts as crops that may be rotated after harvest.

B. Directions for Use

Iprodione is a contact fungicide active on a broad spectrum of diseases including Botrytis, Sclerotinia, Monilinia, Alternaria, Helminthosporium, Fusarium, and Rhizoctonia. See attached specimen label.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES:

Not applicable.

11. COMPLETION OF ONE-LINER:

Not applicable.

12. CBI APPENDIX:

There is no CBI in this submission.

REGISTRATION DIVISION DATA REVIEW RECORD
 Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

5/12/87
 31209 H

1. CHEMICAL NAME

I Pro Dime

2. IDENTIFYING NUMBER

359-685

3. ACTION CODE

305

4. ACCESSION NUMBER

1

TO BE COMPLETED BY PM

5. RECORD NUMBER

145740

6. REFERENCE NUMBER

26

7. DATE RECEIVED (EPA)

3-4-87

8. STATUTORY DUE DATE

9. PRODUCT MANAGER (PM)

F. R. ROSS / ROSSI

10. PM TEAM NUMBER

21-557-1901

14. CHECK IF APPLICABLE

Public Health/Quarantine

Minor Use

Substitute Chemical

Part of IPM

Seasonal Concern

Review Requires Less Than 4 Hours

AH

TO BE COMPLETED BY PCB

11. DATE SENT TO HED/TSS

5-12-87

12. PRIORITY NUMBER

44

13. PROJECTED RETURN DATE

7-21-87

15. INSTRUCTIONS TO REVIEWER

A. HED

Total Assessment - 3(c)(5)

C. BFSD

Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.

D. TSS/RD

B. SPRD (Send Copy of Form to SPRD PM)

Chemical Undergoing Active RPAR Review

E. Other

Chemical Undergoing Active Registration Standards Review

F. INSTRUCTIONS

*Review the addition of
 Dry bulbs onions and
 peanuts to the CRCS
 that may be rotated
 after harvest*

16. RELATED ACTIONS

17. 3(c)(1)(D)

Use Any or All Available Information Use Only Attached Data
 Use Only the Attached Data for Formulation and Any or All
 Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO

TB

EEB

EF

PL

RCB

EFB

CH

BFSD

19. To

TYPE OF REVIEW

NUMBER OF ACTIONS

Registration

Petition

EUP

SLN

Sec. 18

Inert

MNR. USE

Other

HED

TOXICOLOGY

ECOLOGICAL EFFECTS

RESIDUE CHEMISTRY

ENVIRONMENTAL DATA

RD/TSS

CHEMISTRY

EFFICACY

PRECAUTIONARY LABELING

BFSD

ECONOMIC ANALYSIS

20. Label Submitted with Application Attached

21. Confidential Statement of Formula

22. Representative Labels Showing Accepted Uses Attached

23. Date Returned to RD (to be completed by HED)

24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.

AIN 5721-93

Exemption EF Reviews

Page _____ is not included in this copy.

Pages 6 through 11 are not included.

The material not included contains the following type of information:

- Identity of product inert ingredients.
- Identity of product impurities.
- Description of the product manufacturing process.
- Description of quality control procedures.
- Identity of the source of product ingredients.
- Sales or other commercial/financial information.
- A draft product label.
- The product confidential statement of formula.
- Information about a pending registration action.
- FIFRA registration data.
- The document is a duplicate of page(s) _____.
- The document is not responsive to the request.

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.