Shaughnessy No.: 109801

Date Out of EAB: NOV 2 4 1987

To: Lois Rossi
Product Manager # 21
Registration Division (TS-767)

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

Attached, please find the EAB review of...

Reg./File # : 359-EUP-TN

Chemical Name: Iprodione

Type Product : Fungicide

Product Name : Rovral Fungicide

Company Name : Rhone-Poulenc, Inc.

Purpose : Review request for an Expeimental Use Permit (EUP) for use of iprodione on corn grain in storage.

Date Received: 8/18/87

Action Code: 750

Date Completed: NOV 2 4 1987

EAB #(s): 70906

Monitoring study requested: _____

Total Reviewing Time: 0.5 day

Monitoring study voluntarily: _____

Deferrals to:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

1. CHEMICAL: Common name:

Iprodione

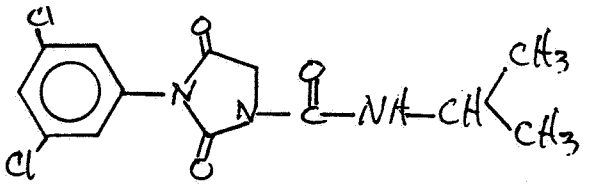
Chemical name:

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. No data were sumbitted.

3. STUDY/ACTION TYPE:

Rhone-Poulenc is requesting an Experimental Use Permit (EUP) to use iprodione on corn grain in storage.

4. STUDY IDENTIFICATION:

Not applicable. No data were submitted.

5. REVIEWED BY:

Herbert L. Manning
Microbiologist
EAB/HED/OPP

Signature: Herbert L. Manning

Date: NOV 24 1987

6. APPROVED BY:

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

Signature: Therese M. Dougherty
Date: NOV 24 1987

7. CONCLUSIONS:

See RECOMMENDATION.

8. RECOMMENDATION:

The use of iprodione on stored corn grain is an indoor use and EAB has no environmental fate data requirements for an indoor use.

9. BACKGROUND:

A. Introduction

The experimental program consists of treating 8000 bushels of corn seed with 20 ppm ai and 5 bushels with 40 ppm ai in the states of IA, IN, OH, and NE; 8000 bushels with 20 ppm ai in MN, MD, and WI; and 16,000 bushels with 20 ppm ai and 10 bushels with 40 ppm ai in IL. A total of 72,030 bushels will be treated with 218 lbs ai. Program details are attached.

B. Directions for Use

See attached experimental program.

10. DISCUSSION OF STUDY:

Not applicable. No new data submitted.

11. COMPLETION OF ONE-LINER:

Not applicable.

12. CONFIDENTIAL APPENDIX:

There is no CBI.

LIN 5721-93

Iprodione EF Reviews

Page_____ is not included in this copy.

Pages 4 through 10 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.
