

US EPA ARCHIVE DOCUMENT

12/8/89
109801

SRRD/GCSB TRANSMITTAL SHEET FOR PARTS B/C/D

To EGW on 11/8/89 Pkg #: B-010 Chemical/Case #: 109801 / 233

Categories: _____ Use Patterns: 1, 2, 3, 4, 8, 9, 11

Chemical: Iprone

Submitter: Rhone Poulenc

Chemical Review Manager: Rubis Phone #: 557-0458

Label(s) attached: Yes () / No

Branch: EGW Review Section: 2

Reviewer : _____

Signature : _____

Date : 1/1

Section Head: Regel

Signature : [Signature]


Date : 11/30/89

Branch Chief: _____

Signature : [Signature]

Date : 12/7/89

GENERAL COMMENTS

| | | |
|---|---|--------------------------------|
|  <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460 Reregistration Phase 2 Response Worksheet</p> | <p>PART B Page 14 of 42</p> | |
| 1. Registrant: Pantenc Ag Company | 2. Case Number: 2335 | 3. Case Name: Iprodione |
| 4. Chemical Name: 3-(3,5-dichlorophenyl)-N-(1-methyltetrahydropyridin-2,4-dioxo-1-imidazolylidene)carboxamide | 5. Chemical Number: 109801 | |

| Guideline Reference Number | Title of Study | 10(a) MRID Number(s) for Item 8 Response Code 1 | 10(b) MRID Number(s) for Item 8 Response Code 2 |
|----------------------------|---------------------------------|--|---|
| 122-1(a) | Seed germ/seedling emerg | NOT REQUIRED | |
| 122-1(b) | Vegetative vigor | NOT REQUIRED | |
| 122-2 | Aquatic plant growth | | |
| 123-1(a) | Seed germ/seedling emerg | NOT REQUIRED | |
| 123-1(b) | Vegetative vigor | NOT REQUIRED | |
| 123-2 | Aquatic plant growth | NOT REQUIRED | |
| 124-1 | Terrestrial field | NOT REQUIRED | |
| 124-2 | Aquatic field | NOT REQUIRED | |
| 132-1(a) | Foliar residue dissipation | 00118496 | |
| 132-1(b) | Soil residue dissipation | NOT REQUIRED | |
| 133-3 | Dermal positive destimetry expo | NOT REQUIRED | |
| 133-4 | Inhal. positive destimetry expo | NOT REQUIRED | |
| 141-1 | Honey bee acute contact | NOT REQUIRED | |
| 141-2 | Honey bee residue on foliage | NOT REQUIRED | |
| 141-5 | Field test for pollinators | NOT REQUIRED | |
| 140-5 | Chemical Identity | 40968101-00054261-00065720-00005719-00065723-00054263* | |

Revision A 8-7-89.

* continued on next page.



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| 1. Company Name Rhône-Poulenc Ag Company | 2. Case Number 2335 | 3. Case Name Iprodione |
| 4. Structure S-(3,3-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide | | 5. Chemical Number 109801 |

* 160-5 Chemical identity 00068736-00054260

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| 1. Company Name Rhône-Poulenc Ag Company | 2. Case Number 2335 | 3. Case Name Incodione |
| 4. Chemical Name 3-[3,5-dichlorophenyl]-N-(1-methylethyl)-2,4-dioxo-1-imidazolinediacetamide | 5. Chemical Number 109801 | |

| Guideline Reference Number | Title of Study | Use Groups | | | | | | | | | | | | 7 This data Req't applies to any chemical | | | | | | | | 9 Time permitted for submission to EPA (In Years) | | | | | |
|----------------------------|-------------------------------|-------------|----------|------|----------|------------|----------|-------------|---------------|-------------|------------|--------------|-----------|---|----|---|---|---|---|---|---|---|---|---|------|----------|--------------|
| | | terrestrial | | | aquatic | | | green house | | | indoor | | | YES | NO | 1 | 2 | 3 | 4 | 5 | 6 | | 7 | 8 | | | |
| | | feed | non-feed | food | non-food | industrial | out-door | food crop | non-food crop | green house | for- entry | rest- dental | out- door | | | | | | | | | | | | food | non-food | rest- dental |
| 161-1 | Hydrolysis | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | 1 | |
| 161-2 | Photodegradation-water | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 1 |
| 161-3 | Photodegradation-soil | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 1 |
| 161-4 | Photodegradation-air | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | X | | | | | | | | | | | 1 |
| 162-1 | Aerobic soil metabolism | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 162-2 | Anaerobic soil metabolism | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 162-3 | Anaerobic aquatic metab. | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 162-4 | Aerobic aquatic metab. | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 163-1 | Leach/adsorp/desorption | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 1 |
| 163-2 | Volatility - lab | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | X | | | | | | | | | | | 1 |
| 163-3 | Volatility - field | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | X | | | | | | | | | | | 1 |
| 164-1 | Terrestrial field dissipation | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 164-2 | Aquatic field dissipation | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 164-3 | Forest field dissipation | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |
| 164-5 | Long term soil dissipation | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | CR | X | | | | | | | | | | | 4 |
| 165-1 | Confined rotational crop | R | R | R | R | R | R | R | R | R | R | R | R | R | R | X | | | | | | | | | | | 2 |

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| <p>1. Company Name Rhone-Poulenc Ag Company</p> | <p>2. Case Number 2335</p> | <p>3. Case Name Iprodione</p> |
| <p>4. Chemical Name 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide</p> | <p>5. Chemical Number 109801</p> | |

| Guideline Reference Number | Title of Study | 10(a) MRID Number(s) for Item 8 Response Code 1 | 10(b) MRID Number(s) for Item 8 Response Code 2 |
|----------------------------|-------------------------------|---|---|
| 161-1 | Hydrolysis | 00059481-00068287-00068288 Done | |
| 161-2 | Photodegradation-water | 00059481 Done | |
| 161-3 | Photodegradation-soil | 00059481-00059482 Done | |
| 161-4 | Photodegradation-air | NOT REQUIRED | |
| 162-1 | Aerobic soil metabolism | 00068285-00059477-00059478 Done | |
| 162-2 | Anaerobic soil metabolism | * Done | |
| 162-3 | Anaerobic aquatic metab. | 00162220 | |
| 162-4 | Aerobic aquatic metab. | 00162219 | |
| 163-1 | Leach/adsorp/desorption | 00059479-00068286 Done | |
| 163-2 | Volatility - lab | NOT REQUIRED | |
| 163-3 | Volatility - field | NOT REQUIRED | |
| 164-1 | Terrestrial field dissipation | 00059484-00068290-00162218 Done | |
| 164-2 | Aquatic field dissipation | 00162218-00264230 | |
| 164-3 | Forest field dissipation | NOT REQUIRED | |
| 164-5 | Long term soil dissipation | NOT REQUIRED | |
| 165-1 | Confined rotational crop | | |

* see next page.

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| 1. Company Name Rhône-Poulenc Ag Company | | 2. Case Number 2335 | 3. Case Name Iprodione |
| 4. Chemical Name 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide | | 5. Chemical Number 109801 | |

* 162-2 Anaerobic soil metabolism Using Anaerobic aquatic metabolism study (Guideline 162-3) to fill this requirement.

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| 1. Company Name Rood-Boulton Ag. Company | 2. Case Number 2335 | 3. Case Name Ippodione | 5. Chemical Number 109801 |
| 4. Chemical Name 3-(3,3-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide | | | |

| Guideline Reference Number | Title of Study | 10(a) MRID Number(s) for Item 8 Response Code 1 | 10(b) MRID Number(s) for Item 8 Response Code 2 |
|----------------------------|-------------------------------|--|---|
| 165-2 | Field rotational crop | 40159201-40881801-00129166-00137231 | |
| 165-3 | Accumulation - irrig crop | NOT REQUIRED | |
| 165-4 | Bioaccumulation in fish | 00162221-00162222 Done | |
| 165-5 | Bioaccum - aquatic non-target | NOT REQUIRED | |
| 166-1 | Grd water-small prospect. | NOT REQUIRED | |
| 166-2 | Grd water-mn. retrospect. | NOT REQUIRED | |
| 166-3 | Grd water-lyg retrospect. | NOT REQUIRED | |
| 201-1 | Droplet size spectrum | NOT REQUIRED | |
| 202-1 | Drift field evaluation | NOT REQUIRED | |
| 171-2 | Chemical Identity | See Guideline Reference No. 61-1 | |
| 171-3 | Directions for use | NOT APPLICABLE | |
| 171-5 | Reduction of residues | NOT REQUIRED | |
| 171-4(a) | Nature of residue - plants | 00137211-00162216-00162217-00086082-0059482-00068289 | |
| 171-4(b) | Nature of residue - livestock | 00130833-00130834-00130834 | |
| 171-4(c) | Res. analyt. method - plant | 00064548 | 00064841-00086085-00086083-00162215-00068289 |
| 171-4(d) | Res. analyt. method - animal | | 00106082 |