

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

3-19-84 RCB
Cook
File petition

MAR 19 1984

MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Glycophene - (Iprodione, Roval)
PP# 3F2964 Caswell #470A R.C.B. Referral

FROM: Alex Arce
Toxicology Branch (TS-769) *awd 3-16-84*

TO: B. Cool PM# 21
Registration Division (TS-767) *Kofer 3/16/84*

THRU: William Butler Section III Section Head
Toxicology Branch

W. Butler 3/17/84

THRU: William L. Burnam, Chief
Toxicology Branch
Hazard Evaluation Division (TS-769)

Request:

RCB has deferred to Toxicology Branch to make a decision regarding the need for further identification of the residue "Unknown Z" which comprised 26% of the ¹⁴C Glycophene residue in chicken liver.

Recommendations:

1. The residue "Z" must be properly identified.
2. It must be determined if the metabolite is produced in the rat.
3. If the metabolite is produced in the rat, it will be part of the already established toxicity and further testing will not be required.
4. If it is a new or unknown metabolite, which is not produced in the rat, then further testing will be required in order to determine its toxicity potential.

Background Information

PP No. 3F2964 was determined to be acceptable by the Toxicology Branch. (Refer to attached short form of 2-11-83). In PP NO.2F2964, poultry was not part of the request; poultry liver and poultry fat were not included. RCB's opinion is that "the petitioner's expression of the tolerance is incorrect". R.C.B. requested that the tolerances should be specified in terms of various items including poultry liver.

Attachment

TOX/HED:kh:AARce:3-16-84:card #1

(2)

DEC 15 1983

Caswell No(s)..
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470 A
CFR-180.399

To: H. Jacoby PM 21

Registration No(s):: 359-685

Pesticide Petition No(s):: 3F2964

Chemical(s): ROYAL-(IPRODIONE, GLYCOPHENE)

Requested Action(s): APPLICATION FOR AMENDED REGISTRA

TION - PROPOSING TO ADD GRAPE TO PRESENT LABEL

Recommendation: (SECTION F ATTACHED) * TOLERANCES REQUESTED

GRAPE	60 PPM
FAT, MEAT BYPRO	0.4 PPM
DUCKS OF CATTLE	
GOATS, HOGS, HORSES	
SHEEP	
KIDNEY & LIVER	3.0 PPM
ECCS	0.8 PPM
MILK	0.5 PPM

This request is acceptable

Inert(s) cleared 180.1001: YES (PREVIOUSLY, STA. OF INERT NOT SUBMITTED)

% of ADI occupied: Existing: 7.14 Resulting: 8.50

Resulting % increase in TMRC: From 1.0708 To 1.2756 = mg/day/1.5 Kg = 19.3 %

Data considered in setting the ADI: A 3 generation reproduction study - rat

NOEL = 500PPM, SF = 100, ADI = 0.2506 mg/Kg/d, MPI = 15.0 mg/d/60Kg

Attached (?): ADI printout: YES/; TOX "one-liner": YES/; DER: YES/NO

Existing regulatory actions against registration: NONE

RPAR status: NOT IN THE LIST

New Data: NONE

Data gaps: ACUTE DERMAL; TERATOLOGY, SECOND SPECIE;
ADDITIONAL MUTAGENICITY TEST, AS PER SECTION "F" OF
FIFRA GUIDELINES, 1 YEAR DOG STUDY THAT IS IN PROGRESS

Comments: Petitioner must submit data gaps

Reviewer: [Signature]

Date: 12-11-83

DEC 15 1983

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