

US EPA ARCHIVE DOCUMENT

MAY 23 1983

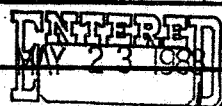
Caswell No(s)...

470A

KCB

MAY 23 1983

To: JACOBY PM 91



Registration No(s): 359-684

Pesticide Petition No(s): 2 F 27 28 = ROVRAL 50 W.P. / insecticide

Chemical(s): (application, rate, dates) ROVRAL, aerial application 1 lb-ai/acre

Requested Action(s): Permanent Tolerance

RAC(S) - TOLERANCE(S) PPM	almond Nutmeat - 0.05	MEAT - cattle, horses
	Hulls 0.15	hogs sheep 0.1
	MILK 0.02	

Recommendation: Granting this tolerance will not introduce an overt hazard; thus it is acceptable.

Inert(s) cleared 180.1001: YES

% of ADI occupied: Existing: 6.87 Resulting: 7.04 % increase 2.56

Resulting % increase in TMRC: From 1.0310 To 1.0558 mg/day is % 2.40

Data considered in setting the ADI: A 3 Generation reproduction rat study; NOEL = 500 ppm ADI = 0.2500 MPI = 15.000

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

Existing regulatory actions against registration: NONE

RPAR status: NOT IN THE RPAR LIST

New Data: NONE

Data gaps: DERMAL TOXICITY, TERATOLOGY RABBIT MUTAGENICITY ~~GEN TOX~~ (ALL IN PROGRESS)

The dog study due by April 1983 has not been received

Comments: As other Tolerances relevant - Various requests have been submitted at almost the same time

Reviewer: [Signature]

Date: 4-29-83

Section Head: [Signature]

Branch Chief: [Signature] 5/22/83

3430

5900

1/2

File last updated 4/28/83

ACCEPTABLE DAILY INTAKE DATA

RAT, Older	NOEL	S.F.	ADI	MPI
mg/kg	ppm		mg/kg/day	mg/day (60kg)
25.000	500.00	100	0.2500	15.0000

Published Tolerances

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Kiwi Fruit (204)	10.000	0.03	0.00450

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	0.0045 mg/day (1.5kg)	0.03

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Unpublished, Tox Approved 8G2087, 0G2402, 2F2596, 3G2787, 3G2801, 3F2810

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Almonds ( 1)	0.050	0.03	0.00002
Apricots ( 3)	0.000	0.11	0.00000
Plums, inc prunes (125)	0.000	0.13	0.00000
Cherries ( 30)	0.000	0.10	0.00000
Nectarines (100)	0.000	0.03	0.00000
Peaches (114)	0.000	0.90	0.00000
Grapes, not raisins ( 57)	60.000	0.45	0.40470
Raisins (134)	180.000	0.04	0.11037
Lettuce ( 84)	7.000	1.31	0.13735
Stone Fruits (151)	20.000	1.25	0.37404

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	1.0310 mg/day (1.5kg)	6.87

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Current Action 2F2728

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Almonds ( 1)	0.000	0.03	0.00000
Meat, red ( 90)	0.100	10.81	0.01622
Milk & Dairy Products ( 93)	0.020	28.62	0.00858

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	1.0558 mg/day (1.5kg)	7.04

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7.04  
 6.87 -  
 .17

6.87 x 100 = 17 x x  
 1.56

6.87 177.00  
 1374  
 3860  
 3435  
 4250

1.0558  
 1.0310 - 100  
 0.0248 - x

2.40

1.0310 / 14800  
 20620  
 41800  
 41210  
 5906

DRAFT