

US EPA ARCHIVE DOCUMENT

MAY 24 1983

470A 5-24-83

Caswell No(s):

To: Jacoby PM 21

Amel  
Full petition

Registration No(s): 359-685

Pesticide Petition No(s): ~~3F 2840~~ / 3F 2841

Chemical(s): (application, rate, dates) GLYPHENE (Rovral)  
50%, 50-100 gallons/acre - 4.0 lbs/acre

Requested Action(s): Tolerance

RAC(S)-TOLERANCE(S) Garlic 0.1 PPM

Recommendation: Minimum (negligible) increment  
in ADI - Acceptable

Inert(s) cleared 180.1001: YES

% of ADI occupied: Existing: 8.17 Resulting: 8.17 % increment 0

Resulting % increase in TMRC: From 1.2251 To 1.2252 mg/d/15kg % 0.008

Data considered in setting the ADI: 3 Generation reproduction

Mat-NOEL = 500 ppm ADI = 0.2500 mg/kg/d MPI = 15.00 mg/d/60kg

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: No

Data gaps: DERMAL TOXICITY; TERATA RABBIT  
MUTAGENICITY ~~TEST~~ (ALL IN  
PROGRESS) One year dog feeding done in April 1983

Comments: As other Tolerances relevant - VARIOUS REQUEST  
DAE BEING PROCESSED AT THE  
SAME TIME

Reviewer: [Signature]

Date: 4-29-83 1/2

Section Head: [Signature] Branch Chief: [Signature] 5/22/83

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Unpublished, Tox Approved 8G2087, 2402, 2F2596, 2728, 3G2787, 2801, 3F2810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
Almonds ( 1)	0.000	0.03	0.00000
Meat, red ( 90)	0.800	10.31	0.12975
Milk & Dairy Products ( 93)	0.150	28.62	0.06438
Grapes, not raisins ( 67)	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)	1.2251 mg/day (1.5kg)	8.17

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Current Action 3F2841

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Garlic ( 61)	0.100	0.03	0.00005

MPI	TMRC	% ADI
15.0000 mg/day (60kg)	1.2252 mg/day (1.5kg)	8.17

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$$1.2251 - 100 \times 0.0001 - X$$

$$\frac{0.008}{1.2251} = \frac{1.0100,000}{98001}$$

DRAFT