

US EPA ARCHIVE DOCUMENT

10-30-84

ROVRAL

Rev. 4/14/82

Toxicology Branch/HED Review

Haebler

OCT 30 1984

Caswell No(s): 470A

File petition

To: Jacoby / Cool PM 21

Registration No(s): 359-685 identical to CHIPCO 359-685 a

Pesticide Petition No(s): 4F311 ROVRAL - 359-685

Chemical(s): Glycophene - A.K.A - IPADIONE - ROVRAL

Requested Action(s): PERMANENT TOLERANCE OF
0.5 ppm in and/or on ONIONS

Recommendation: No objections to this action.

The increment in TMRC & ADI are
acceptable

Inert(s) cleared 180.1001: Previously approved

% of ADI occupied: Existing 11.14 Resulting: 11.18

Resulting % increase in TMRC: 0.37%

Data considered in setting the ADI: 3 generations reproduction rat study NOEL

1/2 NOEL = 500 ppm - ADI - 0.2500 (SF 100) Avg/Kg/Day MPI = 15.00 mg/day/60K

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

Existing regulatory actions against registration: NONE

RPAR status: NOT IN THE LIST

New Data: NONE

Data gaps: NONE FOR THIS ACTION

Toxicology - dermal tox. mutagenicity - all in
progress

Comments: _____

OCT 30 1984

Reviewer: [Signature]

Date: Oct 29-84

Section Head: _____

Branch Chief: [Signature]

File last updated 10/29/84

ACCEPTABLE DAILY INTAKE DATA

RAI, Older NOEL mg/kg	PPM	S.I.	LI mg/kg/day	UPI mg/day (60kg)
25.000	500.00	100	0.500	15.0000

Published Tolerances

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Kiwi Fruit (204)	10.000	0.03	0.00450
Stone fruits (151)	20.000	1.25	0.37404
Almonds (1)	0.050	0.03	0.00002
Garlic (51)	0.100	0.03	0.00005
Lettuce (84)	15.000	1.31	0.29433

UPI 15.0000 mg/day (60kg) TIRC 0.6729 mg/day (1.5kg) % ADI 4.49

Unpublished, Tox Approved 362787, 2801, 2856, 3F2964, 4H5415, 4G3037

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Heat, red (90)	0.100	10.31	0.01622
Milk & Dairy Products (93)	0.20	28.62	0.06356
Grapes, not raisins (67)	60.000	0.45	0.40470
Raisins (134)	180.000	0.04	0.11037
Beans, dry edible (10)	2.000	0.31	0.00930
Beans, lima (11)	2.000	0.19	0.00570
Grapes, not raisins (67)	0.000	0.45	0.00000
Heat, red (90)	0.500	10.31	0.08109
Liver (211)	3.000	0.03	0.00135
Kidney (203)	3.000	0.03	0.00135
Eggs (54)	0.800	2.77	0.03324
Milk & Dairy Products (93)	0.100	28.62	0.16311
Raisins (134)	120.000	0.04	0.07358
Poultry (128)	2.000	2.94	0.18830
Peanuts (115)	0.100	0.36	0.00054

UPI 15.0000 mg/day (60kg) TIRC 1.6704 mg/day (1.5kg) % ADI 11.14

Current Action 4F3131

CROP	Tolerance	Food Factor	mg/day (1.5kg)
Onions (105)	0.500	0.13	0.00621

UPI 15.0000 mg/day (60kg) TIRC 1.6700 mg/day (1.5kg) % ADI 11.16

DRAFT