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

APR 11 1996

OFFICE OF
PREVENTION, PESTICIDES, AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Qualitative Risk Characterization of the Risk
Assessment Performed in Support of the Voluntary
Cancellations of Uses for Propargite

TO: Jack Housenger, Chief
Special Review Branch/SRRD (7508W)

FROM: Edward Zager, Chief
Chemistry Branches/HED (7509C)

Edward Zager

and

Elizabeth Doyle, Section Head
Dietary Risk Evaluation Section/SAB/HED (7509C)

E. A. Doyle

HED has been asked to further characterize the dietary risk assessment for propargite. The risk assessment incorporated the following assumptions which lead to a conservative estimate of risk.

- Estimation of the cancer risk was accomplished using a low dose extrapolation. The Q^{1*} is the 95th percent confidence limit of the dose response curve. The actual cancer potency may be considerably less than estimated using this value.
- Percent crop treated data used to refine exposure estimates represented the maximum likely usage. Maximum likely usage is estimated using data from multiple years and biased toward high use years from periods of high pest pressure.
- Cancellation of the use on apples has resulted in the elimination of wet apple pomace from the diets of animals. As a result, that portion of the risk estimate reflecting residues in meat and milk will be reduced by 50% relative to those in the most recent analysis.
- As recommended in the NAS report on Pesticides in the Diets of Infants and Children, the majority of the residue estimates in the analysis were based on well designed, market basket surveys, close to the point of

1/2

sale. However, for some commodities, such data were not available. In these instances, the Agency relied upon farm gate residues which reflect the highest labelled use rates, shortest treatment to harvest interval and for which no washing was employed. As such, the farm gate residues tend to overestimate the exposure from these commodities.

- Field trial data indicate that residues in nectarines are approximately one-half of the residues in peaches, probably due to differences in skin texture (peaches are fuzzy). The Agency used monitoring data for peaches to estimate dietary exposure from consumption of nectarines. Consequently, dietary exposure was overestimated for nectarines.

In summary, HED believes that the recent dietary risk assessment for propargite incorporates a number of conservative assumptions. The estimate of dietary risk to the US population is, in all likelihood, an overestimate.

cc: D. Barolo
P. Fenner-Crisp
S. Irene
L. Rossi
D. Edwards
W. Burnam
J. McQueen
J. Morris
C. Scheltema
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Total Propargite Dietary Risk Now ~ 1.58 X 10⁻⁵

Total Dietary Risk - Commodities Below ~ 2.28 X 10⁻⁶

One-year apple risk = 9.1 X 10⁻⁶/70 ~ 1.30 X 10⁻⁷

Raisin risk = 4.14 X 10⁻⁷ (lifetime - total US population)

Propargite Commodities facing Cancellation

Commodity	Source of Anticipated Residues	%CT	Upper Bound Cancer Risk	Cancer Risk w/o commodity
Apples fresh cooked/canned	Market Basket Survey, PDP	N/A	9.1 x 10⁻⁶ 6.1 X 10⁻⁶ 2.4 X 10⁻⁶	6.7 E-6
Peaches	Market Basket Survey/PDP	N/A	2.5 x 10⁻⁶	4.2 E-6
Plums	PDP Data	N/A	8.5 X 10⁻⁷	3.35 E-6
Cranberries	Field Trials, Processing Studies	9%	5.5 X 10⁻⁷	2.80 E-6
Strawberries	UniRoyal MBS Data	N/A	2.43 X 10⁻⁷	2.56 E-6
Apricots	Market Basket Survey, PDP	N/A	1.68 X 10⁻⁷	2.39E-6
Figs	Field Trial Data	1%	8.0 X 10⁻⁹	2.38 E-6
Green Beans	PDP Data	3%	7.18 E-9	2.37 E-6
Lima Beans	Field Trial Data	3-5%	8.90 E-8	2.28 E-6
Pears	PDP Data	4%	2.10 X 10⁻⁹	2.28 E-6

NOTE TO THE FILE

The enclosed cancer analysis (1.57×10^{-5}) differs from the previous analysis in that the % CT for corn was changed. The figure used in this analysis has pop and sweet corn at 5% and field corn at 1%. All other figures remain the same.

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&E); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
01010AA	CRANBERRIES	5F1609	P 10.000000	2.320000	FT	9.00	0.208800
01010AA	21 COOKED-NFS	5F1609	P 10.000000	2.320000	FT	9.00	0.208800
01010AA	31 COOKED-FRESH OR CANNED	5F1609	P 10.000000	2.320000	FT	9.00	0.208800
01010JA	CRANBERRY-JUICE	5F1609	P 10.000000	0.050000C	FT	9.00	0.004500
01010JA	31 COOKED-FRESH OR CANNED	5F1609	P 10.000000	0.050000C	FT	9.00	0.004500
01010JA	CRANBERRY-JUICE	0F0988	P 10.000000	0.019400	PDP	100.00	0.019400
01014AA	GRAPES-FRESH	0F0988	P 10.000000	0.019400	PDP	100.00	0.019400
01014AA	GRAPES-FRESH	0F0988	P 10.000000	0.019400	PDP	100.00	0.019400
01014DA	GRAPES-RAISINS	0F0988	P 25.000000	0.142800C	MBS	100.00	0.142800
01014DA	GRAPES-RAISINS	0F0988	P 25.000000	0.142800C	MBS	100.00	0.142800
01014DA	GRAPES-RAISINS	0F0988	P 25.000000	0.142800C	MBS	100.00	0.142800
01014JA	GRAPES-JUICE	0F0988	P 10.000000	0.000820C	PDP	100.00	0.000820
01014JA	GRAPES-JUICE	0F0988	P 10.000000	0.000820C	PDP	100.00	0.000820
01014JA	GRAPES-JUICE	0F0988	P 10.000000	0.000820C	PDP	100.00	0.000820
01016AA	STRAWBERRIES	9F0910	P 7.000000	0.041000	MBS	100.00	0.041000
01016AA	STRAWBERRIES	9F0910	P 7.000000	0.041000	MBS	100.00	0.041000
01016AA	STRAWBERRIES	9F0910	P 7.000000	0.041000	MBS	100.00	0.041000
02002AA	GRAPEFRUIT-UNSP	2F1272	P 5.000000	0.001100	MBS	100.00	0.001100
02002AB	GRAPEFRUIT-PULP	2F1272	P 5.000000	0.001100	MBS	100.00	0.001100
02002AB	GRAPEFRUIT-PULP	2F1272	P 5.000000	0.001100	MBS	100.00	0.001100
02002JA	GRAPEFRUIT-JUICE	2F1272	P 5.000000	0.00025C	MBS	100.00	0.00025
02002JA	GRAPEFRUIT-JUICE	2F1272	P 5.000000	0.00025C	MBS	100.00	0.00025
02004AA	LEMONS-UNSPEC	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004AA	LEMONS-UNSPEC	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004AB	LEMONS-PULP	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004AB	LEMONS-PULP	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004HA	LEMONS-PEEL	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004HA	LEMONS-PEEL	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02004HA	LEMONS-PEEL	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02004JA	LEMONS-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02004JA	LEMONS-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02004JA	LEMONS-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02006AA	ORANGES-UNSPEC	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006AB	ORANGES-PULP	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006AB	ORANGES-PULP	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006HA	ORANGES-PEEL	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006HA	ORANGES-PEEL	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006HA	ORANGES-PEEL	0F0988	P 5.000000	0.003000	PDP	100.00	0.003000
02006JA	ORANGES-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02006JA	ORANGES-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070
02006JA	ORANGES-JUICE	0F0988	P 5.000000	0.00070C	PDP	100.00	0.00070

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ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

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DATE: 03/27/96

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&E); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 03/17/87 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
03001AA	ALMONDS	10 RAW-FRESH OR NFS	4F1520	P 0.100000	0.028000	FT	62.00	0.017360
03001AA	ALMONDS	21 COOKED-NFS	4F1520	P 0.100000	0.028000	FT	62.00	0.017360
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	4F1520	P 0.100000	0.028000	FT	62.00	0.017360
03009AA	WALNUTS	10 RAW-FRESH OR NFS	9F0803	P 0.100000	0.025000	FT	36.00	0.009000
03009AA	WALNUTS	21 COOKED-NFS	9F0803	P 0.100000	0.025000	FT	36.00	0.009000
03009AA	WALNUTS	22 COOKED-FRESH-BAKED	9F0803	P 0.100000	0.025000	FT	36.00	0.009000
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	4F1520	P 3.000000	0.116000	WA	100.00	0.116000
04001AA	APPLES-FRESH	21 COOKED-NFS	4F1520	P 3.000000	0.116000	WA	100.00	0.116000
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	4F1520	P 3.000000	0.116000	WA	100.00	0.116000
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	4F1520	P 3.000000	0.116000	WA	100.00	0.116000
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	4F1520	P 3.000000	1.310000	WA	100.00	1.310000
04001DA	APPLES-DRIED	22 COOKED-FRESH-BAKED	4F1520	P 3.000000	1.310000	WA	100.00	1.310000
04001DA	APPLES-DRIED	62 COOKED-FRESH OR FROZEN-BAKED	4F1520	P 3.000000	1.310000	WA	100.00	1.310000
04001JA	APPLES-JUICE	15 RAW-FRESH OR CANNED	4F1520	P 3.000000	0.001500	WA	100.00	0.001500
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	4F1520	P 3.000000	0.001500	WA	100.00	0.001500
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
04003AA	PEARS-FRESH	51 COOKED-CANNED	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
04003DA	PEARS-DRIED	21 COOKED-NFS	8F0730	P 3.000000	0.024900	PDP	4.00	0.000996
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	4F1520	P 7.000000	0.027300	WA	100.00	0.027300
05001AA	APRICOTS-FRESH	21 COOKED-NFS	4F1520	P 7.000000	0.027300	WA	100.00	0.027300
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	4F1520	P 7.000000	0.027300	WA	100.00	0.027300
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	4F1520	P 7.000000	0.027300	WA	100.00	0.027300
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	4F1520	P 7.000000	0.027300	WA	100.00	0.027300
05003AA	NECTARINES	10 RAW-FRESH OR NFS	9F0910	P 4.000000	0.178000	WA	100.00	0.178000
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05004AA	PEACHES-FRESH	21 COOKED-NFS	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05004AA	PEACHES-FRESH	51 COOKED-CANNED	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05004DA	PEACHES-DRIED	21 COOKED-NFS	8F0730	P 7.000000	0.067700	WA	100.00	0.067700
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	3F1305	P 7.000000	0.103000	WA	100.00	0.103000
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	3F1305	P 7.000000	0.103000	WA	100.00	0.103000
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	3F1305	P 7.000000	0.074000	WA	100.00	0.074000
05005DA	PLUMS-PRUNES	21 COOKED-NFS	3F1305	P 7.000000	0.074000	WA	100.00	0.074000
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	3F1305	P 7.000000	0.074000	WA	100.00	0.074000
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	3F1305	P 7.000000	0.103000	WA	100.00	0.103000
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	3F1305	P 7.000000	0.103000	WA	100.00	0.103000

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CHEMICAL Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	STUDY TYPE 2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	EFFECTS Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&F); neg. in mice.	REFERENCE DOSES ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 Q*: 0.17100	DATA GAPS/COMMENTS No data gaps. Reg. Std. 9/86.	STATUS WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
06005AA	FIGS	10 RAW-FRESH OR NFS	NO PET#	9.000000	1.600000C FT		1.00	0.016000
06005AA	FIGS	21 COOKED-NFS	NO PET#	9.000000	1.600000C FT		1.00	0.016000
06005AA	FIGS	22 COOKED-FRESH-BAKED	NO PET#	9.000000	1.600000C FT		1.00	0.016000
07003AA	TEA	21 COOKED-NFS	NO PET#	10.000000	0.134000 FT		4.00	0.005360
08020AA	HOPS	21 COOKED-NFS	NO PET#	30.000000	0.005000 FT		38.00	0.001900
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AB	POTATO(WH)-UNSW	22 COOKED-FRESH-BAKED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	2F1272	0.100000	0.001000 PDP		100.00	0.001000
15001AA	BEANS-DRY-GRT	NO NOT SPECIFIED (NO CONSUMPTION)	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	4F1520	0.200000	0.070000 FT		5.00	0.003500
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	4F1520	0.200000	0.070000 FT		5.00	0.003500
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	4F1520	20.000000	0.640000 FT		3.00	0.019200
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	4F1520	20.000000	0.640000 FT		3.00	0.019200
15003AA	BEANS-SUCC-GREEN	10 RAW-FRESH OR NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210
15003AC	BEANS-SUCC-WAX	21 COOKED-NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210
15004AA	CORN,POP	21 COOKED-NFS	2F1272	0.100000	0.040000 FT		5.00	0.000200
15005AA	CORN,SWEET	10 RAW-FRESH OR NFS	0F2424	0.100000	0.001000 PDP		5.00	0.000050
15005AA	CORN,SWEET	21 COOKED-NFS	0F2424	0.100000	0.001000 PDP		5.00	0.000050
15005AA	CORN,SWEET	31 COOKED-FRESH OR CANNED	0F2424	0.100000	0.001000 PDP		5.00	0.000050
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	6F1665	0.100000	0.070000 FT		5.00	0.003500
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	6F1665	0.100000	0.070000 FT		5.00	0.003500
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	6F1665	0.100000	0.070000 FT		5.00	0.003500
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	4F1520	20.000000	0.007000 PDP		3.00	0.000210

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FOOD CODE	FOOD	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
15013AA	MUNG BEANS	4F1520	P 20.000000	0.007000	PDP	3.00	0.000210
15022AA	BEANS-DRY-BROAD	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
15022AB	BEANS-SUCC-BROAD	4F1520	P 20.000000	0.070000	PDP	3.00	0.000210
15023AA	BEANS-DRY-PIGEON	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
15027AA	BEANS-UNSPEC	4F1520	P 20.000000	0.070000	FT	5.00	0.003500
15030AA	BEANS-DRY-HYAC	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
15030AB	BEANS-SUCC-HYAC	4F1520	P 20.000000	0.070000	PDP	3.00	0.000210
15031AA	BLKEYE PEAS-DRY	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
15032AA	BEANS-DRY	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
15032AA	BEANS-DRY	4F1520	P 0.200000	0.070000	FT	5.00	0.003500
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002EA	CORN, GRAIN-ENDO	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002SA	CORN SUGAR	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002SA	CORN SUGAR	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24002SA	CORN SUGAR	2F1272	P 0.100000	0.040000	FT	1.00	0.000400
24006AA	SORGHUM	4F1520	P 10.000000	0.550000	FT	1.00	0.005500
270020A	CORN, GRAIN-OIL	2F1272	P 0.100000	0.040000C	FT	25.00	0.010000
270030A	COTTONSEED-OIL	2F1288	P 0.100000	0.011000C	FT	2.00	0.000010
270030A	COTTONSEED-OIL	2F1288	P 0.100000	0.000500C	FT	2.00	0.000010
270030A	COTTONSEED-OIL	6F1665	P 0.100000	0.050000C	FT	5.00	0.002500
270070A	PEANUTS-OIL	2F1272	P 50.000000	3.990000	FT	27.00	1.077300
28080AA	PEPPERMINT	2F1272	P 50.000000	3.990000C	FT	27.00	1.077300
28080AA	PEPPERMINT	2F1272	P 50.000000	3.990000C	FT	27.00	1.077300
28081AA	PEPPERMINT-OIL	2F1272	P 50.000000	3.990000C	FT	27.00	1.077300
28081AA	PEPPERMINT-OIL	2F1272	P 50.000000	3.990000C	FT	27.00	1.077300
280810A	SPERMINT-OIL	0F0988	P 10.000000	0.075000	FT	41.00	0.030750
43058AA	WINE AND SHERRY	0F0988	P 10.000000	0.075000	FT	41.00	0.030750
43058AA	WINE AND SHERRY	0F0988	P 10.000000	0.075000	FT	41.00	0.030750
500000B	MILK-NON-FAT SOL	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000B	MILK-NON-FAT SOL	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000B	MILK-NON-FAT SOL	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000B	MILK-NON-FAT SOL	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000FA	MILK-FAT SOLIDS	0F0988	P 2.000000	0.000028	FS	100.00	0.000028
500000FA	MILK-FAT SOLIDS	0F0988	P 2.000000	0.000028	FS	100.00	0.000028
500000FA	MILK-FAT SOLIDS	0F0988	P 2.000000	0.000028	FS	100.00	0.000028
500000FA	MILK-FAT SOLIDS	0F0988	P 2.000000	0.000028	FS	100.00	0.000028
500000SA	MILK SUG (LACT)	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000SA	MILK SUG (LACT)	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
500000SA	MILK SUG (LACT)	0F0988	P 0.080000	0.000028	FS	100.00	0.000028
530018A	BEEF-MEAT BYP	0F0988	P 0.100000	0.000019	FS/U	100.00	0.000019
530018A	BEEF-MEAT BYP	0F0988	P 0.100000	0.000019	FS/U	100.00	0.000019
530018A	BEEF-MEAT BYP	0F0988	P 0.100000	0.000019	FS/U	100.00	0.000019
530018B	BEEF-OTH ORGAN	0F0988	P 0.100000	0.000019	FS/U	100.00	0.000019

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-β A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&E); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR	STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
53001BB	BEEF-OTH ORGAN	51 COOKED-CANNED	0F0988	P 0.100000	0.000019	FS/U		100.00	0.000019
53001DA	BEEF-DRIED	21 COOKED-NFS	0F0988	P 0.100000	0.000049	U		100.00	0.000049
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001FA	BEEF-FAT	21 COOKED-NFS	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001FA	BEEF-FAT	24 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53001KA	BEEF-KIDNEY	21 COOKED-NFS	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.000049	FS		100.00	0.000049
53001MA	BEEF-LEAN	21 COOKED-NFS	0F0988	P 0.100000	0.000049	FS		100.00	0.000049
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.000049	FS		100.00	0.000049
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000049	FS		100.00	0.000049
53001MA	BEEF-LEAN	24 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000049	FS		100.00	0.000049
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53002FA	GOAT-FAT	25 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000049	MBS		100.00	0.000049
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000049	MBS		100.00	0.000049
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.100000	0.000049	FS/D		100.00	0.000049
53003BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53003BB	SHEEP-OTH ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53003FA	SHEEP-FAT	21 COOKED-NFS	0F0988	P 0.100000	0.000480	FS/D		100.00	0.000480
53003KA	SHEEP-KIDNEY	21 COOKED-NFS	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53003LA	SHEEP-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000019	FS/D		100.00	0.000019
53003MA	SHEEP-LEAN	21 COOKED-NFS	0F0988	P 0.100000	0.000049	MBS		100.00	0.000049
53003MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.000049	MBS		100.00	0.000049
53006BA	PORK-MEAT BYP	21 COOKED-NFS	2F1272	P 0.100000	0.000001	U		100.00	0.000001
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	2F1272	P 0.100000	0.000001	U		100.00	0.000001
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.000001	U		100.00	0.000001
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.000001	FS		100.00	0.000001
53006FA	PORK-FAT	21 COOKED-NFS	2F1272	P 0.100000	0.000001	FS		100.00	0.000001
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	2F1272	P 0.100000	0.000001	FS		100.00	0.000001
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.000001	FS		100.00	0.000001
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.000001	FS		100.00	0.000001

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&F); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
53006KA	PORK-KIDNEY	21 COOKED-NFS	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53006LA	PORK-LIVER	21 COOKED-NFS	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53006MA	PORK-LEAN	21 COOKED-NFS	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.000001	FS	100.00	0.000001
53008BA	TURKEY-BYP	21 COOKED-NFS	0F0988	P 0.100000	0.000200	FS	100.00	0.000200
53008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.000200	FS	100.00	0.000200
53008LA	TURKEY ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53008MA	TURKEY W/O SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
53008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
53008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
53008MB	TURKEY+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.000170	FS	100.00	0.000170
53008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000170	FS	100.00	0.000170
53008NB	TURKEY-UNSPEC	21 COOKED-NFS	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53008NB	TURKEY-UNSPEC	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53013BA	POULTRY, OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53013MA	POULTRY, OTHER	21 COOKED-NFS	0F0988	P 0.100000	0.000170	FS	100.00	0.000170
53014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.000020	FS	100.00	0.000020
53014AA	EGGS-WHOLE	21 COOKED-NFS	0F0988	P 0.100000	0.000020	FS	100.00	0.000020
53014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.000020	FS	100.00	0.000020
53014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.000020	FS	100.00	0.000020
53014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000020	FS	100.00	0.000020
53014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.000015	FS	100.00	0.000015
53014AB	EGGS-WHITE ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.000015	FS	100.00	0.000015
53014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.000015	FS	100.00	0.000015
53014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.000015	FS	100.00	0.000015
53014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	0F0988	P 0.100000	0.000015	FS	100.00	0.000015
53014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.000030	FS	100.00	0.000030
53014AC	EGGS-YOLK ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.000030	FS	100.00	0.000030
53014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000030	FS	100.00	0.000030
53014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.000030	FS	100.00	0.000030
53015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.000200	FS	100.00	0.000200
53015LA	CHICKEN-ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.000400	FS	100.00	0.000400
53015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
53015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
53015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.000054	FS	100.00	0.000054

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&F); neg. in mice.	ADI UF -->180 OPP RfD= 0.040000 EPA RfD= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.

FOOD CODE	FOOD	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55015NA	CHICKEN-W/O SKIN 31	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
55015NA	CHICKEN-W/O SKIN 53	0F0988	P 0.100000	0.000054	FS	100.00	0.000054
55015HB	CHICKEN+SKIN 21	0F0988	P 0.100000	0.000170	FS	100.00	0.000170

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/27/96

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CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000		2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&F); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 05/23/88 RfD/PR reviewed 11/18/93 On IRIS.

COMMUNITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS		ANTICIPATED	
			TYPE (UG/KG/DAY)	TMRC	%RFD	ONCO RISK	%RFD	ONCO RISK	RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ONCO RISK
06005AA	FIGS	9.000	P	0.025062	0.063	0.00000428560	0.01600	0.000022	0.000	0.0000000376		
	10 RAW-FRESH OR NFS						0.01600	0.000005	0.000	0.00000000086		
	21 COOKED-NFS						0.01600	0.000017	0.000	0.00000000291		
07003AA	TEA	10.000	P	0.314695	0.787	0.00005381285	0.00536	0.000169	0.000	0.00000002890		
08020AA	HOPS	30.000	P	0.112239	0.281	0.00001919287	0.00190	0.000007	0.000	0.00000000120		
270030A	COTTONSEED-OIL	0.100	P	0.002041	0.005	0.00000034901	0.00022	0.000004	0.000	0.00000000068		
27003WA	COTTONSEED-MEAL	0.100	P	0.000012	0.000	0.00000000205	0.00001	0.000000	0.000	0.00000000000		
43058AA	WINE AND SHERRY	10.000	P	0.841956	2.105	0.00014397448	0.03075	0.002558	0.006	0.00000043742		
	10 RAW-FRESH OR NFS						0.03075	0.000031	0.000	0.00000000530		
	21 COOKED-NFS								0.007	0.00000048102		
CROP GROUP TOTALS FOR UNSPECIFIED:												
14013AA	POTATOES(WHITE)-WHOLE	0.100	P	0.034006	0.085	0.00000581503	0.00100	0.000046	0.000	0.00000000787		
	10 RAW-FRESH OR NFS						0.00100	0.000150	0.000	0.00000002565		
	21 COOKED-NFS						0.00100	0.000145	0.000	0.00000002480		
14013AB	POTATOES(WHITE)-UNSPECIFIED	0.100	P	0.000008	0.000	0.00000000137	0.00100	0.000000	0.000	0.00000000000		
	22 COOKED-FRESH-BAKED						0.00100	0.000072	0.000	0.00000001231		
14013AC	POTATOES(WHITE)-PEELED	0.100	P	0.078426	0.196	0.00001341085	0.00100	0.000043	0.000	0.00000000735		
	21 COOKED-NFS						0.00100	0.000433	0.001	0.0000007404		
	22 COOKED-FRESH-BAKED						0.00100	0.000236	0.001	0.000000004036		
14013DA	POTATOES(WHITE)-DRY	0.100	P	0.000845	0.002	0.00000014450	0.00100	0.000004	0.000	0.00000000068		
	22 COOKED-FRESH-BAKED						0.00100	0.000005	0.000	0.000000000986		
	23 COOKED-FRESH-BOILED											
	25 COOKED-FRESH-FRIED											
14013HA	POTATOES(WHITE)-PEEL ONLY	0.100	P	0.000002	0.000	0.00000000034	0.00100	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS											
	31 COOKED-FRESH OR CANNED											
	22 COOKED-FRESH-BAKED											
CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:												
				0.113287	0.283	0.00001937208	0.00100	0.001134	0.003	0.00000019391		

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&F); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
15001AA	BEANS-DRY-GREAT NORTHERN 00 NOT SPECIFIED (NO CONSUMPTION)	0.200	P	0.000000	0.000	0.000000000000	0.00350	0.000000	0.000	0.000000000000
15001AB	BEANS-DRY-KIDNEY 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.200	P	0.002726	0.007	0.00000046615	0.00350	0.000041	0.000	0.00000000701
15001AC	BEANS-DRY-LIMA 21 COOKED-NFS	0.200	P	0.001598	0.004	0.00000027326	0.00350	0.000028	0.000	0.00000000479
15001AD	BEANS-DRY-NAVY (PEA) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.200	P	0.007481	0.019	0.00000127925	0.00350	0.000031	0.000	0.00000000530
15001AE	BEANS-DRY-OTHER 21 COOKED-NFS 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.200	P	0.007965	0.020	0.00000136202	0.00350	0.000100	0.000	0.00000001710
15001AF	BEANS-DRY-PINTO 21 COOKED-NFS	0.200	P	0.007270	0.018	0.00000124317	0.00350	0.000127	0.000	0.00000002172
15002AA	BEANS-SUCCULENT-LIMA 10 RAW-FRESH OR NFS 21 COOKED-NFS	20.000	P	0.513296	1.283	0.00008777362	0.01920	0.000000	0.000	0.00000000000
15003AA	BEANS-SUCCULENT-GREEN 21 COOKED-NFS	20.000	P	4.001000	10.003	0.00068417100	0.00021	0.000042	0.000	0.00000000718
15003AB	BEANS-SUCCULENT-OTHER 10 RAW-FRESH OR NFS 21 COOKED-NFS	20.000	P	0.527676	1.319	0.0009023260	0.00021	0.000000	0.000	0.00000000000
15003AC	BEANS-SUCCULENT-YELLOW,WAX 21 COOKED-NFS	20.000	P	0.109268	0.273	0.00001868483	0.00021	0.000001	0.000	0.00000000017
15006AA	PEANUTS-WHOLE 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.100	P	0.006958	0.017	0.00000118982	0.00021	0.000006	0.000	0.00000000103
15013AA	MUNG BEANS (SPROUTS) 10 RAW-FRESH OR NFS 21 COOKED-NFS	20.000	P	0.133042	0.333	0.00002275018	0.00021	0.000000	0.000	0.00000000000
15022AA	BEANS-DRY-BROADBEANS(MATURE SEED) 00 NOT SPECIFIED (NO CONSUMPTION)	0.200	P	0.000000	0.000	0.000000000000	0.00350	0.000004	0.000	0.00000000068
15022AB	BEANS-SUCCULENT-BROADBEANS(LIMMAT. SEED) 00 NOT SPECIFIED (NO CONSUMPTION)	20.000	P	0.000020	0.000	0.00000000342	0.00350	0.000225	0.001	0.00000003848
15023AA	BEANS-DRY-PIGEON BEANS 21 COOKED-NFS	0.200	P	0.000007	0.000	0.00000000120	0.00350	0.000015	0.000	0.00000000257
15027AA	BEANS-UNSPECIFIED 21 COOKED-NFS	20.000	P	0.104690	0.262	0.00001790199	0.00021	0.000001	0.000	0.00000000017



TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propagite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&E); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.

COMMUNITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS) 00 NOT SPECIFIED (NO CONSUMPTION)	0.200	P 0.000000	0.000	0.000000000000	0.00350	0.000000	0.000	0.000000000000
15030AB	BEANS-SUCCULENT-HYACINTH(YOUNG PODS) 00 NOT SPECIFIED (NO CONSUMPTION)	20.000	P 0.000020	0.000	0.00000000342	0.00021	0.000000	0.000	0.000000000000
15031AA	BEANS-DRY-BLACKEYE PEAS(COMPEAS) 21 COOKED-NFS	0.200	P 0.000495	0.001	0.000000008465	0.00350	0.000009	0.000	0.00000000154
15032AA	BEANS-DRY-GARBANZO(CHICK PEA) 21 COOKED-NFS	0.200	P 0.000105	0.000	0.00000001796	0.00350	0.000001	0.000	0.00000000017
270070A	PEANUTS-OIL 18 PROCESSED OIL	0.100	P 0.000523	0.001	0.000000008943	0.00350	0.000000	0.000	0.00000000000
CROP GROUP TOTALS FOR LEGUME VEGETABLES:									
			5.424140	13.560	0.00092752794	0.001300	0.001300	0.003	0.00000022230

02002AA	GRAPEFRUIT-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	5.000	P 0.000005	0.000	0.000000000086	0.00110	0.000000	0.000	0.000000000000
02002AB	GRAPEFRUIT-PULP 10 RAW-FRESH OR NFS 21 COOKED-NFS	5.000	P 0.342322	0.856	0.00005853706	0.00110	0.000075	0.000	0.00000001283
02002JA	GRAPEFRUIT-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	5.000	P 0.812264	2.031	0.00013889714	0.00003	0.000002	0.000	0.00000000034
02004AA	LEMONS-UNSPECIFIED 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	5.000	P 0.010348	0.026	0.00000176951	0.00003	0.000000	0.000	0.00000000000
02004AB	LEMONS-PULP 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED	5.000	P 0.001074	0.003	0.00000018365	0.00300	0.000000	0.000	0.00000000000
02004HA	LEMONS-PEEL 10 RAW-FRESH OR NFS 21 COOKED-NFS	5.000	P 0.001285	0.003	0.00000021974	0.00300	0.000001	0.000	0.00000000017
02004JA	LEMONS-JUICE 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	5.000	P 0.189564	0.474	0.00003241544	0.00007	0.000000	0.000	0.00000000000
02006AA	ORANGES-UNSPECIFIED 00 NOT SPECIFIED (NO CONSUMPTION)	5.000	P 0.000005	0.000	0.000000000086	0.00007	0.000000	0.000	0.00000000000
02006AB	ORANGES-PULP 10 RAW-FRESH OR NFS 21 COOKED-NFS	5.000	P 0.751762	1.879	0.00012855130	0.00007	0.000000	0.000	0.00000000000
						0.00300	0.000000	0.000	0.00000000000
						0.00300	0.000450	0.001	0.00000007695
						0.00300	0.000001	0.000	0.00000000017

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000		2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&F); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED			
							RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
02006HA	ORANGES-PEEL 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	5.000	P	0.000679	0.002	0.00000011611	0.00300	0.000000	0.000	0.000000000000
02006JA	ORANGES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	5.000	P	9.852538	24.631	0.00168478400	0.00007	0.000074	0.000	0.00000001265
CROP GROUP TOTALS FOR CITRUS FRUITS:										
				11.961846	29.905	0.00204547567	0.000612	0.000612	0.002	0.00000010465
04001AA	APPLES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED	3.000	P	1.370187	3.425	0.00023430198	0.11600	0.035663	0.089	0.00000609837
04001DA	APPLES-DRIED 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED 62 COOKED-FRESH OR FROZEN-BAKED	3.000	P	0.004954	0.012	0.00000084713	0.11600	0.013811	0.035	0.00000236168
04001JA	APPLES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	3.000	P	0.997421	2.494	0.00017055899	1.31000	0.000134	0.000	0.00000002291
04003AA	PEARS-FRESH 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED 51 COOKED-CANNED 62 COOKED-FRESH OR FROZEN-BAKED	3.000	P	0.367420	0.919	0.00006282882	0.00150	0.000076	0.000	0.00000001300
04003DA	PEARS-DRIED 10 RAW-FRESH OR NFS 21 COOKED-NFS	3.000	P	0.000627	0.002	0.00000010722	0.00100	0.000000	0.000	0.00000000000
CROP GROUP TOTALS FOR POME FRUITS:										
				2.740609	6.852	0.00046864414	0.00100	0.000000	0.000	0.00000000000
05001AA	APRICOTS-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	7.000	P	0.235825	0.590	0.00004032608	0.02730	0.000156	0.000	0.00000002668
05001DA	APRICOTS-DRIED 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	7.000	P	0.016968	0.042	0.00000290153	0.02730	0.000212	0.001	0.00000003625
05003AA	NECTARINES 10 RAW-FRESH OR NFS	4.000	P	0.051865	0.130	0.00000886892	0.02730	0.000551	0.001	0.00000009422

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
			ADI	UF -->100		
Propagrite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&F); neg. in mice.	OPP Rfd= 0.040000 EPA Rfd= 0.020000	q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

COMMUNITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRG TYPE (UG/KG/DAY)	TMRG	%RFD	TMRG ONCO RISK	ANTICIPATED RESIDUE (UG/KG/DAY)		ARC ONCO RISK
							(PPM)	(UG/KG/DAY)	
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:									
15004AA	CORN, POP	0.100	P	0.000677	0.002	0.00000011577	0.00200	0.000014	0.0000000239
15005AA	CORN, SWEET	0.100	P	0.023671	0.059	0.000000404774	0.00005	0.000000	0.0000000000
	10 RAW-FRESH OR NFS						0.00005	0.000010	0.0000000171
	21 COOKED-NFS						0.00005	0.000002	0.0000000034
24002EA	CORN, GRAIN-ENDOSPERM	0.100	P	0.016540	0.041	0.000000282834	0.00040	0.000000	0.0000000000
	10 RAW-FRESH OR NFS						0.00040	0.000009	0.0000000154
	21 COOKED-NFS						0.00040	0.000049	0.0000000838
	22 COOKED-FRESH-BAKED						0.00040	0.000008	0.0000000137
24002HA	CORN, GRAIN-BRAN	0.100	P	0.000000	0.000	0.000000000000	0.00040	0.000000	0.0000000000
24002SA	CORN SUGAR	0.100	P	0.014575	0.036	0.000000249233	0.00040	0.000002	0.0000000034
	10 RAW-FRESH OR NFS						0.00040	0.000051	0.0000000872
	21 COOKED-NFS						0.00040	0.000005	0.0000000086
24006AA	SORGHUM (INCLUDING MILO)	10.000	P	0.237690	0.594	0.000004064499	0.00550	0.000131	0.00000002240
270020A	CORN, GRAIN-OIL	0.100	P	0.002280	0.006	0.000000038988	0.01000	0.000228	0.00000003899
	18 PROCESSED OIL								
CROP GROUP TOTALS FOR CEREAL GRAINS:									
03001AA	ALMONDS	0.100	P	0.000280	0.001	0.00000004788	0.01736	0.000023	0.0000000393
	10 RAW-FRESH OR NFS						0.01736	0.000016	0.0000000274
	21 COOKED-NFS						0.01736	0.000010	0.0000000171
03009AA	WALNUTS	0.100	P	0.000482	0.001	0.00000008242	0.00900	0.000013	0.0000000222
	10 RAW-FRESH OR NFS						0.00900	0.000000	0.0000000000
	21 COOKED-NFS						0.00900	0.000030	0.0000000513
	22 COOKED-FRESH-BAKED								
CROP GROUP TOTALS FOR TREE NUTS:									
		0.000762			0.002	0.00000013030	0.00092	0.000092	0.0000001573

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/M&E); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
28080AA	PEPPERMINT 00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P 0.000050	0.000	0.00000000855	1.07730	0.000001	0.000	0.000000000017
280800A	PEPPERMINT-OIL 00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P 0.012750	0.032	0.00000218025	1.07730	0.000275	0.001	0.00000004703
28081AA	SPEARMINT 00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P 0.000050	0.000	0.00000000855	1.07730	0.000001	0.000	0.000000000017
280810A	SPEARMINT-OIL 00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P 0.022900	0.057	0.00000391590	1.07730	0.000493	0.001	0.000000008430
CROP GROUP TOTALS FOR HERBS AND SPICES:									
			0.035750	0.089	0.00000611325	0.000770		0.002	0.00000013167
53001BA	BEEF-MEAT BYPRODUCTS 21 COOKED-NFS	0.100	P 0.001766	0.004	0.00000030199	0.00002	0.000000	0.000	0.000000000000
53001BB	BEEF(ORGAN MEATS)-OTHER 26 COOKED-FRESH-PICKLED,CORNEDED,OR CURED 21 COOKED-NFS	0.100	P 0.000603	0.002	0.00000010311	0.00002	0.000000	0.000	0.000000000000
53001DA	BEEF-DRIED 51 COOKED-CANNED	0.100	P 0.000253	0.001	0.00000004326	0.00002	0.000000	0.000	0.000000000000
53001FA	BEEF(BONELESS)-FAT (BEEF TALLOW) 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.100	P 0.037208	0.093	0.00000636257	0.00048	0.000001	0.000	0.00000000017
53001KA	BEEF(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.100	P 0.000048	0.000	0.00000000821	0.00048	0.000001	0.000	0.00000000017
53001LA	BEEF(ORGAN MEATS)-LIVER 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.100	P 0.002070	0.005	0.00000035397	0.00002	0.000000	0.000	0.000000000000
53001MA	BEEF(BONELESS)-LEAN (W/O REMOVEABLE FAT) 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.100	P 0.116199	0.290	0.00001987003	0.00005	0.000000	0.000	0.000000000000
53002BA	GOAT-MEAT BYPRODUCTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00005	0.000000	0.000	0.000000000000
53002BB	GOAT(ORGAN MEATS)-OTHER 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00002	0.000000	0.000	0.000000000000

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Cashell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&F); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	THRC TYPE (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
53002FA	GOAT(BONELESS)-FAT 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.100	P 0.000004	0.000	0.00000000068	0.00048	0.000000	0.000	0.000000000000
53002KA	GOAT(ORGAN MEATS)-KIDNEY 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00048	0.000000	0.000	0.000000000000
53002LA	GOAT(ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00002	0.000000	0.000	0.000000000000
53002MA	GOAT(BONELESS)-LEAN (W/O REMOVEABLE FAT) 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.100	P 0.000019	0.000	0.000000000325	0.00005	0.000000	0.000	0.000000000000
53003AA	HORSE 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00005	0.000000	0.000	0.000000000000
53005BA	SHEEP-MEAT BYPRODUCTS 21 COOKED-NFS	0.100	P 0.000005	0.000	0.000000000086	0.00002	0.000000	0.000	0.000000000000
53005BB	SHEEP(ORGAN MEATS)-OTHER 21 COOKED-NFS	0.100	P 0.000002	0.000	0.000000000034	0.00002	0.000000	0.000	0.000000000000
53005FA	SHEEP(BONELESS)-FAT 21 COOKED-NFS	0.100	P 0.000430	0.001	0.00000007353	0.00048	0.000002	0.000	0.000000000034
53005KA	SHEEP(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.100	P 0.000001	0.000	0.000000000017	0.00002	0.000000	0.000	0.000000000000
53005LA	SHEEP(ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.000000000000	0.00002	0.000000	0.000	0.000000000000
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT) 21 COOKED-NFS	0.100	P 0.001248	0.003	0.00000021341	0.00005	0.000001	0.000	0.000000000017
530068A	PORK-MEAT BYPRODUCTS 31 COOKED-FRESH OR CANNED	0.100	P 0.002508	0.006	0.00000042887	0.00000	0.000000	0.000	0.000000000000
530068B	PORK(ORGAN MEATS)-OTHER 21 COOKED-NFS	0.100	P 0.000385	0.001	0.00000006584	0.00000	0.000000	0.000	0.000000000000
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD) 10 RAW-FRESH OR NFS 26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0.100	P 0.020820	0.052	0.000000356022	0.00000	0.000000	0.000	0.000000000000
53006KA	PORK(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.100	P 0.000001	0.000	0.000000000017	0.00000	0.000000	0.000	0.000000000000
53006LA	PORK(ORGAN MEATS)-LIVER 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.100	P 0.000482	0.001	0.00000008242	0.00000	0.000000	0.000	0.000000000000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino-genicity rats (jejunum tu-mor/M&F); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
CROP GROUP TOTALS FOR RED MEAT:									
53006MA	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT) 21 COOKED-NFS 25 COOKED-FRESH-FRIED 26 COOKED-FRESH-PICKLED,CORNERD,OR CURED	0.100	P 0.039125	0.098	0.00000669038	0.00000	0.00000	0.000	0.00000000000
55008BA	TURKEY-BYPRODUCTS 21 COOKED-NFS 26 COOKED-FRESH-PICKLED,CORNERD,OR CURED	0.100	P 0.000024	0.000	0.000000000410	0.00020	0.00000	0.000	0.00000000000
55008LA	TURKEY-GIBLETS (LIVER) 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.100	P 0.000005	0.000	0.000000000086	0.00040	0.00000	0.000	0.00000000000
55008MA	TURKEY-FLESH(W/O SKIN, W/O BONES) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 62 COOKED-FRESH OR FROZEN-BAKED	0.100	P 0.000797	0.002	0.00000013629	0.00005	0.00000	0.000	0.00000000000
55008MB	TURKEY-FLESH(+SKIN,W/O BONES) 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.100	P 0.004817	0.012	0.00000082371	0.00017	0.00008	0.000	0.0000000137
55008MC	TURKEY-UNSPECIFIED 21 COOKED-NFS	0.100	P 0.000010	0.000	0.00000000171	0.00040	0.00000	0.000	0.00000000000
55013BA	POULTRY,OTHER-BYPRODUCTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.00000000000	0.00040	0.00000	0.000	0.00000000000
55013LA	POULTRY,OTHER-GIBLETS(LIVER) 25 COOKED-FRESH-FRIED	0.100	P 0.000023	0.000	0.00000000393	0.00040	0.00000	0.000	0.00000000000
55013MA	POULTRY,OTHER-FLESH (+SKIN,W/O BONES) 21 COOKED-NFS	0.100	P 0.000539	0.001	0.00000009217	0.00017	0.00001	0.000	0.00000000017
55015BA	CHICKEN-BYPRODUCTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P 0.000000	0.000	0.00000000000	0.00020	0.00000	0.000	0.00000000000
55015LA	CHICKEN-GIBLETS(LIVER) 21 COOKED-NFS 25 COOKED-FRESH-FRIED 26 COOKED-FRESH-PICKLED,CORNERD,OR CURED	0.100	P 0.000506	0.001	0.00000008653	0.00040	0.00000	0.000	0.00000000000
55015MA	CHICKEN-FLESH(W/O SKIN,W/O BONES) 21 COOKED-NFS 22 COOKED-FRESH-BAKED 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED 53 COOKED-CANNED-BOTTLED	0.100	P 0.006014	0.015	0.00000102839	0.00005	0.00002	0.000	0.00000000034
55015MB	CHICKEN-FLESH(+SKIN,W/O BONES) 21 COOKED-NFS	0.100	P 0.037932	0.095	0.00000648637	0.00005	0.00000	0.000	0.00000000000

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Cashell #1301 CAS No. 2312-35-8 A.L. CODE: 097601 CFR No. 180.259 185.5004	2yr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino-genicity rats (jejunum tu-mor/M&F); neg. in mice.	ADI UF -->100 OPP Rfd= 0.040000 EPA Rfd= 0.020000 Q*: 0.17100	No data gaps. Reg. Std. 9/86.	WHO reviewed 1982 HED reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 Rfd/PR reviewed 11/18/93 On IRIS.

COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOOD NAME/FOODFORM	TOLERANCE (PPM)	THRC TYPE (UG/KG/DAY)	THRC	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
CROP GROUP TOTALS FOR POULTRY:										
50000B	MILK-NON-FAT SOLIDS 10 RAW-FRESH OR NFS 21 COOKED-NFS 51 COOKED-CANNED	0.080	P	0.569029	1.423	0.00009750396	0.00003	0.000160	0.000	0.0000002736
50000FA	MILK-FAT SOLIDS 10 RAW-FRESH OR NFS 21 COOKED-NFS 51 COOKED-CANNED	2.000	P	0.859440	2.149	0.00014696424	0.00003	0.000075	0.000	0.0000001283
50000SA	MILK SUGAR (LACTOSE) 21 COOKED-NFS 51 COOKED-CANNED	0.080	P	0.002994	0.007	0.00000051197	0.00003	0.000000	0.000	0.0000000000
55014AA	EGGS-WHOLE 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.100	P	0.056450	0.141	0.00000965295	0.00003	0.000001	0.000	0.0000000017
55014AB	EGGS-WHITE ONLY 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 62 COOKED-FRESH OR FROZEN-BAKED 81 COOKED-FROZEN	0.100	P	0.000920	0.002	0.00000015732	0.00002	0.000000	0.000	0.0000000000
55014AC	EGGS-YOLK ONLY 10 RAW-FRESH OR NFS 21 COOKED-NFS 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.100	P	0.000663	0.002	0.00000011337	0.00002	0.000000	0.000	0.0000000000
CROP GROUP TOTALS FOR DAIRY PRODUCTS:										
		1.489496		3.724	0.00025470382		0.000305		0.001	0.00000005216

GRAND TOTALS FOR U.S. POPULATION - 48 STATES

28.401165 71.003 0.00485659922 0.092379 0.231 0.00001579681

TOLERANCE TYPE: N=NEW; A=PENDING; P=PUBLISHED
 TMRC=THEORETICAL MAXIMUM RESIDUE CONTRIBUTION
 ARC = ANTICIPATED RESIDUE CONTRIBUTION
 RFD = REFERENCE DOSE

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