



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

Harry Fried
097601

FEB 24 1995

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Dietary Exposure and Risk Estimates for Propargite (OMite®).

FROM: Jennifer M. Wintersteen
Dietary Risk Evaluation Section
Science Analysis Branch/HED (7509C)

TO: Christina Scheltema, Chemical Manager
Special Review Section
RCAB/HED (7509C)

THROUGH: Elizabeth A. Doyle, Section Head
Dietary Risk Evaluation Section
Science Analysis Branch/HED

Action Requested

Provide a DRES analysis for propargite which includes estimates of risk from chronic exposure and upper bound carcinogenic exposure. This analysis was prompted by new data submitted for the reregistration of propargite.

Discussion

I. Toxicological Endpoints

Chronic Endpoint: The chronic risk analysis used a Reference Dose (RfD) of 0.04 mg/kg body weight/day, based on a no observed effect level (NOEL) of 3.83 mg/kg bwt/day and an uncertainty factor of 100. The NOEL is based on results from a chronic feeding study in rats. Toxicity was evident at 19.24 mg/kg/day in male rats and included increased mortality and other effects (G. Ghali memo, 5/17/94).

Cancer Endpoint: The HED Carcinogenicity Peer Review Committee classified propargite as a Group B2 (possible human) carcinogen (HED Cancer Peer Review Final Document, 7/23/92). The Peer Review Committee based the recommendation of the low dose extrapolation risk assessment for propargite on the incidence of sarcomas in jejunum of male and female rats. The unit risk, Q_1^* (mg/kg/day)⁻¹, is 1.71×10^{-1} (mg/kg/day)⁻¹ in human equivalents (B. Fisher memo, 2/16/95).

Acute Endpoint: In an HED document, Identification of Toxicological Endpoints for Propargite for Dietary Risk

Assessments, by Laura Morris dated 2/8/94, it was concluded that based on the weight of evidence, propargite was no longer considered to be a dietary acute toxicant by the Agency.

II. Residue Information

Food uses evaluated in this analysis were the published tolerances listed in the Tolerance Index System (TIS) and 40 CFR §180.259 and 185.5000. All published tolerances are included in the dietary analysis. No pending tolerances exist in the propargite DRES file. Currently a proposed revocation of tolerances for raisins, figs and dried tea is under consideration. These commodities have been included in this risk assessment since there has not been a final decision regarding this revocation.

Anticipated Residues: New values for anticipated residues (ARs) have been supplied by Chemistry Branch-Reregistration Support (CBRS). ARs are listed in Tables 2 (Carcinogenic Residues) and 3 (Chronic Residues) of a C. Swartz memo, Propargite Anticipated Residue Determinations, 5/27/93 and a 6/2/94 document, Clarification of ARs to be Used in Propargite DRES Analysis, also by C. Swartz. Sources of Anticipated Residues include a Uniroyal Market Basket Survey, field trials, processing studies, and cattle feeding studies. For any DRES commodities that have concentration conversion factors the default factor has been turned off only when recommended by CBRS. These commodities include various juices, raisins, and prunes. For the commodities hops and figs, DRES does not distinguish fresh from dried. The dried value for hops (30 ppm) was used for both tolerance and AR calculations, this may be an overestimate of actual residues.

Percent of Crop Treated Information: Percent crop treated (PCT) information used in both the chronic and carcinogenic exposure analyses was supplied by the Biological and Economic Analysis Division (BEAD) in an E. Maurer memo, Percent of Various U.S. Crops Treated Annually with Propargite, 1990-1992, on 1/30/95. When residue estimates provided by CBRS were derived from field trial (FT) or tolerances, percent of crop treated estimates were included in the anticipated residue file. When residue estimates from CBRS were derived from the Market Basket Survey data no further refinement was made in the anticipated residue file.

Secondary Residues in Animals: Tolerances exist for feed items dried apple pomace, dried citrus pulp, and dried grape pomace which result in secondary residues in meat of cattle, goats, horse, poultry, hogs and sheep as well as milk and eggs. Tolerances have been established for these animal feed items in 40 CFR §186.5000.

The chronic analysis is not a "worst-case" estimate of dietary risk and exposure due to the use of anticipated residues and percent of crop treated data. A summary of the residue information used in the chronic analysis is attached as Table 1A. A summary of the residue information used in the upper bound carcinogenic risk analysis is attached as Table 1B.

III. Dietary Exposure Estimates

Chronic Exposure

The DRES chronic analysis used tolerance level residues to calculate the Theoretical Maximum Residue Contribution (TMRC) for the overall U.S. population and 22 population subgroups. Refinements in residue and percent crop treated information were considered in calculating the Anticipated Residue Contribution (ARC) for those same population groups. The ARC is considered the more accurate estimate of dietary exposure. These exposure estimates were then compared to the RfD for propargite to get estimates of chronic dietary risk. Summaries of the TMRCs, ARCs, and their representations as percentages of the RfD are attached as Table 2.

Using Tolerances:

<u>Subgroup</u>	<u>Exposure (mg/kg/day)</u>	<u>%Reference Dose</u>
U.S. population	0.028401	71
Non-Nursing Infants	0.104715	262

Using Anticipated Residues:

<u>Subgroup</u>	<u>Exposure (mg/kg/day)</u>	<u>%Reference Dose</u>
U.S. population	0.002683	7
Non-Nursing Infants	0.004710	12

The ARC for the U.S. population from published uses of propargite is 2.7×10^{-3} mg/kg bwt/day, which represents 7% of the RfD. There are no pending or new tolerances in the DRES database for propargite.

The ARC for the most highly exposed DRES subgroup, non-nursing infants (<1 yr), is 4.7×10^{-3} mg/kg bwt/day (12% of the RfD). Chronic dietary exposure from propargite seems to be of little concern for all DRES subgroups.

Carcinogenic Exposure

Low Dose Extrapolation (Q_1^*) Approach

The upper bound carcinogenic risk from food uses of propargite was calculated using the following equation:

$$\text{Upper Bound Cancer Risk} = \text{Dietary Exposure (ARC)} \times Q_1^*$$

Based on a Q_1^* of $0.171 \text{ (mg/kg/day)}^{-1}$, the upper bound cancer risk was calculated to be 1.2×10^{-4} , contributed through all the published uses for propargite. A summary of the commodity contribution by raw agricultural commodity (RAC) for the overall U.S. population subgroup is attached as Table 3.

Using the calculated Q* and refinements (the residue and percent of crop treated information, the upper bound cancer risk from propargite is above the level of risk that the Agency generally considers as negligible.

Some commodities which contribute most to the carcinogenic risk are as follows:

<u>Commodity</u>	<u>Upper Bound Carcinogenic Risk</u>
Green beans	2.8 x 10 ⁻⁵
Tea ¹	1.9 x 10 ⁻⁵
Red Meat	1.4 x 10 ⁻⁵
Eggs	1.0 x 10 ⁻⁵
Poultry	8.7 x 10 ⁻⁶
Hops	7.3 x 10 ⁻⁶
Plums	6.7 x 10 ⁻⁶
Unspecified beans	5.0 x 10 ⁻⁶
Milk	4.5 x 10 ⁻⁶
Other succulent beans	3.7 x 10 ⁻⁶
Nectarines	2.9 x 10 ⁻⁶
Apples	2.8 x 10 ⁻⁶
Pears	2.5 x 10 ⁻⁶
Peppermint/Spearmint	1.7 x 10 ⁻⁶
Cranberries	1.4 x 10 ⁻⁶
Figs ¹	1.0 x 10 ⁻⁶

IV. Conclusions

The chronic non-cancer dietary risk from propargite (Omite®) seems to be minimal with the most concern for the carcinogenicity estimate.

Using a non-threshold model of carcinogenicity, the upper bound carcinogenic risk estimate greatly exceeds the level the Agency generally considers as negligible even when anticipated residues from a Market Basket Survey and adjustments for percent crop treated are used.

It should be noted that EPA has proposed to revoke the food additive regulations for residues of propargite on dried figs (9 ppm), raisins (25 ppm) and dried tea (10 ppm). The regulations violate the Delaney Clause in section 409 of FFDCA because the Agency has determined that propargite induces cancer in animals. The upper bound carcinogenic risk from these commodities combined is equal to 2 x 10⁻⁵ and if revoked the resulting risk estimate would be 1.0 x 10⁻⁴. DRES has utmost concern over the upper bound estimate of carcinogenic risk for propargite from all currently published uses.

Attachments

cc: DRES, Caswell #130I, CBRS (C. Swartz), Tox I (J. Doherty)

¹ Information on percent of crop treated for tea leaves and figs was unavailable from BEAD, that is, unknown.

Table 1A.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

PAGE: 1

PROPERTY (CAS No.)	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Caswell #1301) CAS No. 2312-55-8 A.I. CODE: 097601 CFR No. 185.5000	2yr feeding- MOEL = 3,8300 mg/kg 80.00 ppm LE = 19,2400 mg/kg 400.00 ppm ONCO: 52 (MED MON)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/M&T); neg. in mice.	ADI UF -->100 OPP RfD = 0.040000 EPA RfD = 0.020000 Q* = 0.17100	No data gaps. Reg. std. 9/86. Q* calculated.	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)
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	5F1609	P 10.00000	2.720000		18.00	0.489600
01010AA	CRANBERRIES	21 COOKED-NFS	5F1609	P 10.00000	2.720000		18.00	0.489600
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	5F1609	P 10.00000	2.720000		18.00	0.489600
01010JA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	5F1609	P 10.00000	0.050000C		18.00	0.009000
01010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	5F1609	P 10.00000	0.050000C		100.00	0.007000
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	0F0988	P 10.00000	0.007000		100.00	0.007000
01014AA	GRAPES-FRESH	21 COOKED-NFS	0F0988	P 10.00000	0.007000		100.00	0.007000
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	0F0988	P 10.00000	0.007000		100.00	0.159600
01014DA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	NO PET#	P 25.00000	0.159600C		100.00	0.159600
01014DA	GRAPES-RAISINS	21 COOKED-NFS	NO PET#	P 25.00000	0.159600C		100.00	0.159600
01014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	NO PET#	P 25.00000	0.159600C		100.00	0.159600
01014JA	GRAPES-JUICE	10 RAW-FRESH OR NFS	0F0988	P 10.00000	0.001300C		100.00	0.001300
01014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 10.00000	0.001300C		100.00	0.001300
01014JA	GRAPES-JUICE	21 COOKED-NFS	0F0988	P 10.00000	0.001300C		100.00	0.082000
01016AA	STRAWBERRIES	10 RAW-FRESH OR NFS	9F0910	P 7.000000	0.082000		100.00	0.082000
01016AA	STRAWBERRIES	21 COOKED-NFS	9F0910	P 7.000000	0.082000		100.00	0.082000
01016AA	STRAWBERRIES	70 RAW-FROZEN	9F0910	P 7.000000	0.082000		100.00	0.082000
02002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 5.000000	0.001200		100.00	0.001200
02002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	2F1272	P 5.000000	0.001200		100.00	0.001200
02002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	2F1272	P 5.000000	0.001200		100.00	0.001200
02002JA	GRAPEFRUIT-JUICE	15 RAW-FRESH OR CANNED	2F1272	P 5.000000	0.00028C		100.00	0.00028C
02002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	2F1272	P 5.000000	0.00028C		100.00	0.00028C
02004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001200		100.00	0.001200
02004AA	LEMONS-UNSPEC	22 COOKED-FRESH-BAKED	0F0988	P 5.000000	0.001200		100.00	0.001200
02004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001200		100.00	0.001200
02004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.001200		100.00	0.001200
02004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001200		100.00	0.001200
02004HA	LEMONS-PEEL	21 COOKED-NFS	0F0988	P 5.000000	0.00028C		100.00	0.00028C
02004JA	LEMONS-JUICE	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.00028C		100.00	0.00028C
02004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 5.000000	0.00028C		100.00	0.00028C
02004JA	LEMONS-JUICE	21 COOKED-NFS	0F0988	P 5.000000	0.00028C		100.00	0.00028C
02004JA	LEMONS-JUICE	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.00028C		100.00	0.00028C
02006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 5.000000	0.000200		100.00	0.000200
02006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.000200		100.00	0.000200
02006AB	ORANGES-PULP	21 COOKED-NFS	0F0988	P 5.000000	0.000200		100.00	0.000200
02006HA	ORANGES-PEEL	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.000200		100.00	0.000200
02006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	0F0988	P 5.000000	0.000200		100.00	0.000200
02006HA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.000200		100.00	0.000200
02006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 5.000000	0.000200C		100.00	0.000200
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.000200C		100.00	0.000200

Table 1A.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

PAGE: 2

FOOD CODE	FOOD	FOOD FORM	STUDY TYPE	EFFECTS	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)	REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
										ADI	UF	No data gaps.	Reg. Std. 9/86. q* calculated.	WHO reviewed 1982	WHO reviewed 03/17/87
<p>CHEMICAL: Progarbite (Covite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000</p> <p>STUDY TYPE: 2yr feeding - rat MOLE = 3.8300 mg/kg 60.00 ppm LET = 19.2400 mg/kg 400.00 ppm ONCO: 32 (HEP NOTE)</p> <p>EFFECTS: Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino-genicity rate (Jejunum tu-mor/MKF); neg. in mice.</p> <p>REFERENCE DOSES: ADI = 0.040000 OPP RfD = 0.040000 EPA RfD = 0.020000 q*: 0.17100</p> <p>DATA GAPS/COMMENTS: No data gaps.</p> <p>STATUS: EPA reviewed 03/17/87 EPA deferred 04/15/87 EPA verified 03/23/88 RfD/PR reviewed 11/18/93 On IRIS.</p>															
03001AA	ALMONDS	RAW-FRESH OR NFS			P 0.100000	0.040000		75.00	0.030000						
03001AA	ALMONDS	COOKED-NFS			P 0.100000	0.040000		75.00	0.030000						
03001AA	ALMONDS	COOKED-FRESH-BAKED			P 0.100000	0.040000		75.00	0.030000						
03009AA	WALNUTS	RAW-FRESH OR NFS			P 0.100000	0.025000		23.00	0.005750						
03009AA	WALNUTS	COOKED-NFS			P 0.100000	0.025000		23.00	0.005750						
03009AA	WALNUTS	COOKED-FRESH-BAKED			P 0.100000	0.025000		23.00	0.005750						
04001AA	APPLES-FRESH	RAW-FRESH OR NFS			P 3.000000	0.111300		100.00	0.111300						
04001AA	APPLES-FRESH	COOKED-NFS			P 3.000000	0.111300		100.00	0.111300						
04001AA	APPLES-FRESH	COOKED-FRESH OR CANNED			P 3.000000	0.111300		100.00	0.111300						
04001DA	APPLES-DRIED	RAW-FRESH OR NFS			P 3.000000	1.257700C		100.00	1.257700						
04001DA	APPLES-DRIED	COOKED-FRESH OR NFS			P 3.000000	1.257700C		100.00	1.257700						
04001DA	APPLES-DRIED	COOKED-FRESH-BAKED			P 3.000000	1.257700C		100.00	1.257700						
04001JA	APPLES-JUICE	RAW-FRESH OR CANNED			P 3.000000	0.001500C		100.00	0.001500						
04001JA	APPLES-JUICE	COOKED-FRESH OR CANNED			P 3.000000	0.001500C		100.00	0.001500						
04003AA	PEARS-FRESH	RAW-FRESH OR NFS			P 3.000000	3.000000		7.00	0.210000						
04003AA	PEARS-FRESH	COOKED-FRESH OR CANNED			P 3.000000	3.000000		7.00	0.210000						
04003AA	PEARS-FRESH	COOKED-FRESH-BAKED			P 3.000000	3.000000		7.00	0.210000						
04003AA	PEARS-FRESH	RAW-FRESH OR NFS			P 3.000000	3.000000		7.00	0.210000						
04003AA	PEARS-FRESH	COOKED-FRESH OR CANNED			P 3.000000	3.000000		7.00	0.210000						
04003AA	PEARS-FRESH	COOKED-FRESH-BAKED			P 3.000000	3.000000		7.00	0.210000						
04003DA	PEARS-DRIED	RAW-FRESH OR NFS			P 3.000000	3.000000		7.00	0.210000						
04003DA	PEARS-DRIED	COOKED-NFS			P 3.000000	3.000000		7.00	0.210000						
04003DA	PEARS-DRIED	COOKED-FRESH OR NFS			P 3.000000	3.000000		7.00	0.210000						
05001AA	APRICOTS-FRESH	RAW-FRESH OR NFS			P 7.000000	2.570000		5.00	0.128500						
05001AA	APRICOTS-FRESH	COOKED-NFS			P 7.000000	2.570000		5.00	0.128500						
05001AA	APRICOTS-FRESH	COOKED-FRESH OR CANNED			P 7.000000	2.570000		5.00	0.128500						
05001DA	APRICOTS-DRIED	RAW-FRESH OR NFS			P 7.000000	2.570000		5.00	0.128500						
05001DA	APRICOTS-DRIED	COOKED-FRESH-BAKED			P 7.000000	2.570000		5.00	0.128500						
05003AA	NECTARINES	RAW-FRESH OR NFS			P 4.000000	2.290000		52.00	0.128500						
05003AA	NECTARINES	COOKED-NFS			P 4.000000	2.290000		52.00	0.128500						
05004AA	PEACHES-FRESH	RAW-FRESH OR NFS			P 7.000000	0.116200		100.00	0.116200						
05004AA	PEACHES-FRESH	COOKED-NFS			P 7.000000	0.116200		100.00	0.116200						
05004AA	PEACHES-FRESH	COOKED-FRESH OR CANNED			P 7.000000	0.116200		100.00	0.116200						
05004AA	PEACHES-FRESH	RAW-FRESH OR NFS			P 7.000000	0.116200		100.00	0.116200						
05004AA	PEACHES-FRESH	COOKED-CANNED			P 7.000000	0.116200		100.00	0.116200						
05004DA	PEACHES-DRIED	RAW-FRESH OR NFS			P 7.000000	0.116200		100.00	0.116200						
05004DA	PEACHES-DRIED	COOKED-NFS			P 7.000000	0.116200		100.00	0.116200						
05004DA	PEACHES-DRIED	COOKED-FRESH OR NFS			P 7.000000	0.116200		100.00	0.116200						
05005AA	PLUMS-FRESH	RAW-FRESH OR NFS			P 7.000000	2.610000		16.00	0.417600						
05005AA	PLUMS-FRESH	COOKED-NFS			P 7.000000	2.610000		16.00	0.417600						
05005AA	PLUMS-FRESH	COOKED-FRESH OR CANNED			P 7.000000	2.610000		16.00	0.417600						
05005DA	PLUMS-PRUNES	RAW-FRESH OR NFS			P 7.000000	1.890000C		16.00	0.302400						
05005DA	PLUMS-PRUNES	COOKED-NFS			P 7.000000	1.890000C		16.00	0.302400						
05005DA	PLUMS-PRUNES	COOKED-FRESH OR CANNED			P 7.000000	1.890000C		16.00	0.302400						
05005JA	PRUNE-JUICE	RAW-FRESH OR NFS			P 7.000000	2.610000		16.00	0.417600						
05005JA	PRUNE-JUICE	COOKED-FRESH OR NFS			P 7.000000	2.610000		16.00	0.417600						
05005JA	PRUNE-JUICE	COOKED-FRESH OR FROZEN-BAKED			P 7.000000	2.610000		16.00	0.417600						

Table 1A.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

PAGE: 4

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Proprathite (Omitte) Caswell 1301 CAS No. 2312-35-8 A.I. CODE: 097801 CFR No. 300.259 405,5000	Zyr Feeding- rat NOEL= 3.8300 mg/kg ED ₀₁ 80.00 ppm ED ₀₅ 19.2400 mg/kg ED ₁₀ 400.00 ppm ONCO: 82 (HED M375)	Incr in deaths (M); descr body wt & body wt gain; descr 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. q* calculated.	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)
15013AA	MUNG BEANS	21 COOKED-NFS	4F1520	P 20.00000	20.000000		100.00	20.000000
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 0.200000	0.200000		3.00	0.006000
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 20.00000	20.000000		100.00	20.000000
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	4F1520	P 0.200000	0.200000		3.00	0.006000
15027AA	BEANS-UNSPEC	21 COOKED-NFS	4F1520	P 20.00000	20.000000		100.00	20.000000
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 0.200000	0.200000		3.00	0.006000
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 20.00000	20.000000		100.00	20.000000
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	4F1520	P 0.200000	0.200000		3.00	0.006000
15032AA	BEANS-DRY	21 COOKED-NFS	4F1520	P 0.200000	0.200000		3.00	0.006000
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	4F1520	P 0.200000	0.200000		3.00	0.006000
24002EA	CORN, GRAIN-ENDO	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.040000		5.00	0.002000
24002EA	CORN, GRAIN-ENDO	21 COOKED-NFS	2F1272	P 0.100000	0.040000		5.00	0.002000
24002EA	CORN, GRAIN-ENDO	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.040000		5.00	0.002000
24002EA	CORN, GRAIN-ENDO	23 COOKED-FRESH-BOILED	2F1272	P 0.100000	0.040000		5.00	0.002000
24002HA	CORN, GRAIN-BRAN	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 0.100000	0.040000		5.00	0.002000
24002SA	CORN SUGAR	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.040000		5.00	0.002000
24002SA	CORN SUGAR	21 COOKED-NFS	2F1272	P 0.100000	0.040000		5.00	0.002000
24002SA	CORN SUGAR	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.040000		5.00	0.002000
24006AA	SORGHUM	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 10.00000	0.550000		1.00	0.005500
270020A	CORN, GRAIN-OIL	18 PROCESSED OIL	2F1288	P 0.100000	0.040000		5.00	0.002000
270030A	COTTONSEED-OIL	18 PROCESSED OIL	2F1288	P 0.100000	0.100000		7.00	0.007000
270030A	COTTONSEED-MEAL	18 PROCESSED OIL	2F1288	P 0.100000	0.100000		7.00	0.007000
270070A	PEANUTS-OIL	18 PROCESSED OIL	6F1665	P 0.100000	0.050000C		8.00	0.004000
280800A	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50.00000	50.000000		43.00	21.500000
280800A	PEPPERMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50.00000	50.000000		43.00	21.500000
280810A	SPEARMINT	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50.00000	50.000000		43.00	21.500000
280810A	SPEARMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50.00000	50.000000		43.00	21.500000
43058AA	WINE AND SHERRY	10 RAW-FRESH OR NFS	0F0988	P 10.00000	10.000000		52.00	5.200000
43058AA	WINE AND SHERRY	21 COOKED-NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
500000B	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
500000B	MILK-NON-FAT SOL	21 COOKED-NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
500000B	MILK-NON-FAT SOL	51 COOKED-CANNED	0F0988	P 0.080000	0.002500		100.00	0.002500
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	0F0988	P 2.000000	0.002500		100.00	0.002500
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	0F0988	P 2.000000	0.002500		100.00	0.002500
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	0F0988	P 2.000000	0.002500		100.00	0.002500
50000SA	MILK-SUG (LACT)	21 COOKED-NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
50000SA	MILK-SUG (LACT)	51 COOKED-CANNED	0F0988	P 0.080000	0.002500		100.00	0.002500
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	0F0988	P 0.100000	0.015000		100.00	0.015000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.015000		100.00	0.015000
530018B	BEEF-OTH ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.015000		100.00	0.015000

Table 1A.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

PAGE: 6

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: C97601 CFR No. 180.259 185.5000	Z/r Feeding- rat MOEL = 3,8300 mg/kg 80.00 ppm CE = 19,2400 mg/kg 400.00 ppm OMCS: 02 (MED VOLE)	Incr in deaths (%); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (Jejunum tumor/MRP); neg. in mice.	ADI Uf -->100 OPP RfD = 0.040000 EPA RfD = 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86. q* calculated.	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	0.015000		100.00	0.015000
53006LA	PORK-LIVER	21 COOKED-NFS	2F1272	P 0.100000	0.015000		100.00	0.015000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.015000		100.00	0.015000
53006MA	PORK-LEAN	21 COOKED-NFS	2F1272	P 0.100000	0.015000		100.00	0.015000
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.015000		100.00	0.015000
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.015000		100.00	0.015000
53006BA	TURKEY-BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53006BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.100000		100.00	0.100000
53006LA	TURKEY ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53006LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MA	TURKEY W/O SKIN	31 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MA	TURKEY W/O SKIN	21 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MB	TURKEY+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MC	TURKEY-UNSPEC	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53006MC	TURKEY,OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53013MA	POULTRY, OTHER	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AB	EGGS-WHITE ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AC	EGGS-YOLK ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000
53014AC	EGGS-YOLK ONLY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53015BA	CHICKEN-BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.100000		100.00	0.100000
53015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000
53015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000

Table 1A.

ANTICIPATED RESIDUE INFORMATION FOR CASHELL NUMBER 1301

DATE: 02/21/95

PAGE: 7

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)	CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS		
									Proprietary (Omnia)	Caswell #1301	2yr feeding rat NOEL	mg/kg	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	No data gaps.	WHO reviewed 1982	WHO reviewed 03/17/87			
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000													
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000													
55015MB	CHICKEN+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000													
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000													

Proprietary (Omnia)
 Caswell #1301
 A.I. CODE: 097601
 CFR No. 180.259
 185.5000

2yr feeding rat
 NOEL = 2,8300 mg/kg
 LEI = 19,2400 mg/kg
 400.00 ppm
 (SEE NOTE)

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
 EPA RfD = 0.040000
 EPA RfD = 0.020000

g* = 0.17100

Reg. Std. 9/86.
 g* calculated.

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.

Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propergite (White) 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 36.00 ppm LEL = 19,2400 mg/kg 400.00 ppm ONCO: B2 (MED NOTE)	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. q* calculated.	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)
101010AA	CRANBERRIES	10 RAW-FRESH OR NFS	5F1609	P 10.00000	2.720000		20.00	0.544000
101010AA	CRANBERRIES	21 COOKED-NFS	5F1609	P 10.00000	2.720000		20.00	0.544000
101010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	5F1609	P 10.00000	2.720000		20.00	0.544000
101010JA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	5F1609	P 10.00000	0.050000C		20.00	0.010000
101010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	5F1609	P 10.00000	0.050000C		20.00	0.010000
101014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	0F0988	P 10.00000	0.004300		37.00	0.001591
101014AA	GRAPES-FRESH	21 COOKED-NFS	0F0988	P 10.00000	0.004300		37.00	0.001591
101014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	0F0988	P 10.00000	0.004300		37.00	0.001591
101014DA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	NO PET#	P 25.00000	0.142800C		37.00	0.052836
101014DA	GRAPES-RAISINS	21 COOKED-NFS	NO PET#	P 25.00000	0.142800C		37.00	0.052836
101014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	NO PET#	P 25.00000	0.142800C		37.00	0.052836
101014JA	GRAPES-JUICE	15 RAW-FRESH OR NFS	0F0988	P 10.00000	0.000820C		37.00	0.000303
101014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 10.00000	0.000820C		37.00	0.000303
101014JA	GRAPES-JUICE	21 COOKED-NFS	0F0988	P 10.00000	0.000820C		37.00	0.000303
101016AA	STRAWBERRIES	10 RAW-FRESH OR NFS	0F0910	P 7.000000	0.041000		31.00	0.012710
101016AA	STRAWBERRIES	21 COOKED-NFS	0F0910	P 7.000000	0.041000		31.00	0.012710
101016AA	STRAWBERRIES	70 RAW-FROZEN	0F0910	P 7.000000	0.041000		31.00	0.012710
020002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 5.000000	0.001100		21.00	0.000231
020002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	2F1272	P 5.000000	0.001100		21.00	0.000231
020002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	2F1272	P 5.000000	0.001100		21.00	0.000231
020002AB	GRAPEFRUIT-PULP	15 RAW-FRESH OR CANNED	2F1272	P 5.000000	0.00025C		21.00	0.000005
020002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.00025C		2.00	0.000022
20004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001100		2.00	0.000022
20004AA	LEMONS-UNSPEC	22 COOKED-FRESH-BAKED	0F0988	P 5.000000	0.001100		2.00	0.000022
020004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001100		2.00	0.000022
020004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.001100		2.00	0.000022
020004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.001100		2.00	0.000022
020004HA	LEMONS-PEEL	21 COOKED-NFS	0F0988	P 5.000000	0.001100		2.00	0.000022
020004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.00025C		2.00	0.000001
020004JA	LEMONS-JUICE	15 RAW-FRESH OR NFS	0F0988	P 5.000000	0.00025C		2.00	0.000001
020004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 5.000000	0.00025C		2.00	0.000001
020004JA	LEMONS-JUICE	21 COOKED-NFS	0F0988	P 5.000000	0.00025C		2.00	0.000001
020004JA	LEMONS-JUICE	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.00025C		2.00	0.000001
020006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 5.000000	0.000200		13.00	0.000026
020006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.000200		13.00	0.000026
020006AB	ORANGES-PULP	21 COOKED-NFS	0F0988	P 5.000000	0.000200		13.00	0.000026
020006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	0F0988	P 5.000000	0.000200		13.00	0.000026
020006HA	ORANGES-PEEL	21 COOKED-NFS	0F0988	P 5.000000	0.000200		13.00	0.000026
020006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	0F0988	P 5.000000	0.000200		13.00	0.000026
020006HA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.000200		13.00	0.000026
020006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	0F0988	P 5.000000	0.000200C		13.00	0.000026
020006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	0F0988	P 5.000000	0.000200C		13.00	0.000026

Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASHELL NUMBER 1301

DATE: 02/21/95

PAGE: 2

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omitte) 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 WOTE)	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. q* calculated.	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)
03001AA	ALMONDS	10 RAW-FRESH OR NFS	4F1520	P 0.100000	0.040000		62.00	0.024800
03001AA	ALMONDS	21 COOKED-NFS	4F1520	P 0.100000	0.040000		62.00	0.024800
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	4F1520	P 0.100000	0.040000		62.00	0.024800
03009AA	WALNUTS	10 RAW-FRESH OR NFS	9F0803	P 0.100000	0.025000		31.00	0.007750
03009AA	WALNUTS	21 COOKED-NFS	9F0803	P 0.100000	0.025000		31.00	0.007750
03009AA	WALNUTS	22 COOKED-FRESH-BAKED	9F0803	P 0.100000	0.025000		31.00	0.007750
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	4F1520	P 3.000000	0.083100		42.00	0.034902
04001AA	APPLES-FRESH	21 COOKED-NFS	4F1520	P 3.000000	0.083100		42.00	0.034902
04001AA	APPLES-FRESH	22 COOKED-FRESH OR CANNED	4F1520	P 3.000000	0.083100		42.00	0.034902
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	4F1520	P 3.000000	0.093900C		42.00	0.394380
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	4F1520	P 3.000000	0.093900C		42.00	0.394380
04001AA	APPLES-FRESH	22 COOKED-FRESH OR FROZEN-BAKED	4F1520	P 3.000000	0.093900C		42.00	0.394380
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	4F1520	P 3.000000	0.001500C		42.00	0.000630
04001DA	APPLES-DRIED	22 COOKED-FRESH OR FROZEN-BAKED	4F1520	P 3.000000	0.001500C		42.00	0.000630
04001DA	APPLES-DRIED	15 RAW-FRESH OR CANNED	4F1520	P 3.000000	0.001500C		42.00	0.000630
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	8F0730	P 3.000000	3.000000		4.00	0.120000
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	8F0730	P 3.000000	3.000000		4.00	0.120000
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	8F0730	P 3.000000	3.000000		4.00	0.120000
04003AA	PEARS-FRESH	51 COOKED-CANNED	8F0730	P 3.000000	3.000000		4.00	0.120000
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	8F0730	P 3.000000	3.000000		4.00	0.120000
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	8F0730	P 3.000000	3.000000		4.00	0.120000
04003DA	PEARS-DRIED	21 COOKED-NFS	8F0730	P 3.000000	3.000000		4.00	0.120000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	4F1520	P 7.000000	2.570000		5.00	0.128500
05001AA	APRICOTS-FRESH	21 COOKED-NFS	4F1520	P 7.000000	2.570000		5.00	0.128500
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	4F1520	P 7.000000	2.570000		5.00	0.128500
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	4F1520	P 7.000000	2.570000		5.00	0.128500
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	4F1520	P 7.000000	2.570000		5.00	0.128500
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	9F0910	P 4.000000	2.290000		5.00	0.128500
05003AA	NECTARINES	10 RAW-FRESH OR NFS	8F0730	P 7.000000	0.087700		19.00	0.016663
05004AA	PEACHES-FRESH	21 COOKED-NFS	8F0730	P 7.000000	0.087700		19.00	0.016663
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	8F0730	P 7.000000	0.087700		19.00	0.016663
05004AA	PEACHES-FRESH	51 COOKED-CANNED	8F0730	P 7.000000	0.087700		19.00	0.016663
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	8F0730	P 7.000000	0.087700		19.00	0.016663
05004DA	PEACHES-DRIED	21 COOKED-NFS	8F0730	P 7.000000	0.087700		19.00	0.016663
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	8F0730	P 7.000000	0.087700		19.00	0.016663
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	3F1305	P 7.000000	2.610000		31.00	0.809100
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	3F1305	P 7.000000	2.610000		31.00	0.809100
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	3F1305	P 7.000000	1.890000C		31.00	0.585900
05005DA	PLUMS-PRUNES	21 COOKED-NFS	3F1305	P 7.000000	1.890000C		31.00	0.585900
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	3F1305	P 7.000000	1.890000C		31.00	0.585900
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	3F1305	P 7.000000	2.610000		31.00	0.809100
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	3F1305	P 7.000000	2.610000		31.00	0.809100

Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omitte) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	Zyr feeding- rat NOEL= 3.8300 mg/kg 80.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: 82 (HED NOTE)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity 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. Q* calculated.	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 TMS RUN (ppm)
16005AA	FIGS	10 RAW-FRESH OR NFS	NO PET#	P 9.000000	2.090000		100.00	2.090000
16005AA	FIGS	21 COOKED-NFS	NO PET#	P 9.000000	2.090000		100.00	2.090000
06005AA	FIGS	22 COOKED-FRESH-BAKED	NO PET#	P 9.000000	2.090000		100.00	2.090000
7003AA	TEA	21 COOKED-NFS	NO PET#	P 10.00000	3.460000		100.00	3.460000
08020AA	HOPS	21 COOKED-NFS	NO PET#	P 30.00000	30.000000		38.00	11.400000
14013AA	POTATOC(WH)-WHOLE	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AA	POTATOC(WH)-WHOLE	21 COOKED-NFS	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AA	POTATOC(WH)-WHOLE	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AA	POTATOC(WH)-UNSP	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AC	POTATOC(WH)-PULP	21 COOKED-NFS	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AC	POTATOC(WH)-PULP	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AC	POTATOC(WH)-PULP	23 COOKED-FRESH-BOILED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013AC	POTATOC(WH)-PULP	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013A	POTATOC(WH)-DRY	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.050000		4.00	0.002000
14013A	POTATOC(WH)-DRY	31 COOKED-FRESH OR CANNED	2F1272	P 0.100000	0.050000		4.00	0.002000
14013HA	POTATOC(WH)-PEEL	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.050000		4.00	0.002000
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AA	BEANS-DRY-KIDNEY	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	4F1520	P 0.200000	0.070000		5.00	0.003500
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	4F1520	P 0.200000	0.070000		5.00	0.003500
5001AF	BEANS-DRY-PINTO	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	4F1520	P 0.200000	0.640000		28.00	0.179200
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	4F1520	P 20.00000	0.640000		28.00	0.809200
15003AA	BEANS-SUCC-LIMA	21 COOKED-NFS	4F1520	P 20.00000	2.890000		28.00	0.809200
15003AA	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	4F1520	P 20.00000	2.890000		28.00	0.809200
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	4F1520	P 20.00000	2.890000		28.00	0.809200
15003AC	BEANS-SUCC-OTH	21 COOKED-NFS	4F1520	P 20.00000	2.890000		28.00	0.809200
15003AC	BEANS-SUCC-WAX	21 COOKED-NFS	4F1520	P 20.00000	2.890000		28.00	0.809200
15004AA	CORN, POP	21 COOKED-NFS	0F2424	P 0.100000	0.040000		100.00	0.040000
15005AA	CORN, SWEET	10 RAW-FRESH OR NFS	0F2424	P 0.100000	0.050000		5.00	0.002500
15005AA	CORN, SWEET	21 COOKED-NFS	0F2424	P 0.100000	0.050000		5.00	0.002500
15005AA	CORN, SWEET	31 COOKED-FRESH OR CANNED	0F2424	P 0.100000	0.050000		5.00	0.002500
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	6F1665	P 0.100000	0.070000		5.00	0.003500
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	6F1665	P 0.100000	0.070000		5.00	0.003500
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	6F1665	P 0.100000	0.070000		5.00	0.003500
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	4F1520	P 20.00000	0.070000		28.00	0.019600

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Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omitte) 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 LEI= 19,2400 mg/kg 400.00 ppm ONCO: B2 (HED NOTE)	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. q* calculated.	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)
15013AA	MUNG BEANS	21 COOKED-NFS	4F1520	P 20,00000	0.070000		28.00	0.019600
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 0.200000	0.070000		5.00	0.003500
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 20,00000	2.890000		28.00	0.809200
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15027AA	BEANS-UNSPEC	21 COOKED-NFS	4F1520	P 20,00000	20.000000		28.00	5.600000
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 0.200000	0.070000		5.00	0.003500
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 20,00000	2.890000		28.00	0.809200
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15032AA	BEANS-DRY	21 COOKED-NFS	4F1520	P 0.200000	0.070000		5.00	0.003500
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	4F1520	P 0.200000	0.070000		5.00	0.003500
24002EA	CORN, GRAIN-ENDO	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.040000		1.00	0.000400
24002EA	CORN, GRAIN-ENDO	21 COOKED-NFS	2F1272	P 0.100000	0.040000		1.00	0.000400
24002EA	CORN, GRAIN-ENDO	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.040000		1.00	0.000400
24002EA	CORN, GRAIN-ENDO	23 COOKED-FRESH-BOLLED	2F1272	P 0.100000	0.040000		1.00	0.000400
24002EA	CORN, GRAIN-ENDO	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 0.100000	0.040000		1.00	0.000400
24002SA	CORN SUGAR	10 RAW-FRESH OR NFS	2F1272	P 0.100000	0.040000		1.00	0.000400
24002SA	CORN SUGAR	21 COOKED-NFS	2F1272	P 0.100000	0.040000		1.00	0.000400
24002SA	CORN SUGAR	22 COOKED-FRESH-BAKED	2F1272	P 0.100000	0.040000		1.00	0.000400
24006AA	SORGHUM	00 NOT SPECIFIED (NO CONSUMPTION)	4F1520	P 10,00000	0.550000		1.00	0.005500
270020A	CORN, GRAIN-OIL	18 PROCESSED OIL	2F1272	P 0.100000	0.040000		1.00	0.000400
270030A	COTTONSEED-OIL	18 PROCESSED OIL	2F1288	P 0.100000	0.100000		2.00	0.002000
270030A	COTTONSEED-MEAL	18 PROCESSED OIL	2F1288	P 0.100000	0.100000		2.00	0.002000
270070A	PEANUTS-OIL	18 PROCESSED OIL	6F1665	P 0.100000	0.050000		5.00	0.002500
28080AA	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50,00000	50.000000		27.00	13.500000
28080AA	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50,00000	50.000000		27.00	13.500000
28081AA	PEPPERMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50,00000	50.000000		27.00	13.500000
280810A	SPEARMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	2F1272	P 50,00000	50.000000		27.00	13.500000
43058AA	WINE AND SHERRY	10 RAW-FRESH OR NFS	0F0988	P 10,00000	0.075000		37.00	0.027750
43058AA	WINE AND SHERRY	21 COOKED-NFS	0F0988	P 10,00000	0.075000		37.00	0.027750
500000B	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
500000B	MILK-NON-FAT SOL	21 COOKED-NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
500000B	MILK-NON-FAT SOL	51 COOKED-CANNED	0F0988	P 0.080000	0.002500		100.00	0.002500
500000F	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	0F0988	P 2,000000	0.002500		100.00	0.002500
500000F	MILK-FAT SOLIDS	21 COOKED-NFS	0F0988	P 2,000000	0.002500		100.00	0.002500
500000F	MILK-FAT SOLIDS	51 COOKED-CANNED	0F0988	P 2,000000	0.002500		100.00	0.002500
50000SA	MILK SUG (LACT)	21 COOKED-NFS	0F0988	P 0.080000	0.002500		100.00	0.002500
50000SA	MILK SUG (LACT)	51 COOKED-CANNED	0F0988	P 0.080000	0.002500		100.00	0.002500
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH	0F0988	P 0.100000	0.015000		100.00	0.015000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.015000		100.00	0.015000
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.015000		100.00	0.015000

Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASSELL NUMBER 1301

DATE: 02/21/95

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PROPRIETARY (OWNER)	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Caswell #1301 CAS No. 2812-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	Z/r feeding - rat MODEL = 30.00 mg/kg LEL = 192,400 mg/kg 400.00 ppm COCO: 82 (NEE NOTE)	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.	NIED 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	0.015000		100.00	0.015000
53001DA	BEEF-DRIED	21 COOKED-NFS	0F0988	P 0.100000	0.002500		100.00	0.002500
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.134100		100.00	0.134100
53001FA	BEEF-FAT	21 COOKED-NFS	0F0988	P 0.100000	0.134100		100.00	0.134100
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.134100		100.00	0.134100
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.134100		100.00	0.134100
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	0F0988	P 0.100000	0.134100		100.00	0.134100
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.134100		100.00	0.134100
53001KA	BEEF-KIDNEY	21 COOKED-NFS	0F0988	P 0.100000	0.015000		100.00	0.015000
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.015000		100.00	0.015000
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.015000		100.00	0.015000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.002500		100.00	0.002500
53001MA	BEEF-LEAN	21 COOKED-NFS	0F0988	P 0.100000	0.002500		100.00	0.002500
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.002500		100.00	0.002500
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.002500		100.00	0.002500
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	0F0988	P 0.100000	0.002500		100.00	0.002500
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53002LA	GOAT-LIVER	23 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000
53002MA	GOAT-LEAN	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.100000	0.100000		100.00	0.100000
53003BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003BA	SHEEP-MEAT BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003FA	SHEEP-FAT	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003FA	SHEEP-FAT	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003KA	SHEEP-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53003LA	SHEEP-LIVER	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003MA	SHEEP-LEAN	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000
53003MA	SHEEP-LEAN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
53003MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.015000		100.00	0.015000
53003MA	SHEEP-LEAN	21 COOKED-NFS	0F0988	P 0.100000	0.015000		100.00	0.015000
53006BA	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.105000		100.00	0.105000
53006BA	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.105000		100.00	0.105000
53006FA	PORK-FAT	21 COOKED-NFS	2F1272	P 0.100000	0.105000		100.00	0.105000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	2F1272	P 0.100000	0.105000		100.00	0.105000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.105000		100.00	0.105000
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.105000		100.00	0.105000

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Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASHELL NUMBER 1301

DATE: 02/21/95

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FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)	EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
									Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (Jejunum tumor/MET); neg. in mice.	ADI	UF	No data gaps.	Reg. Std. 9/86. g* calculated.	WHO reviewed 1982	HEB reviewed 03/17/87	
53006KA	PORK-KIDNEY	21 COOKED-NFS	2F1272	P 0.100000	0.015000		100.00	0.015000								
53006LA	PORK-LIVER	21 COOKED-NFS	2F1272	P 0.100000	0.015000		100.00	0.015000								
53006MA	PORK-LIVER	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.015000		100.00	0.015000								
53006MA	PORK-LEAN	21 COOKED-NFS	2F1272	P 0.100000	0.015000		100.00	0.015000								
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	2F1272	P 0.100000	0.015000		100.00	0.015000								
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	2F1272	P 0.100000	0.015000		100.00	0.015000								
53008BA	TURKEY-BYP	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008LA	TURKEY ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MA	TURKEY W/O SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MA	TURKEY W/O SKIN	25 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MA	TURKEY+SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MB	TURKEY+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MC	TURKEY+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53008MC	TURKEY+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53013BA	POULTRY, OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000								
53013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53013MA	POULTRY, OTHER	25 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	25 COOKED-FRESH-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	23 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AB	EGGS-WHITE ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AC	EGGS-YOLK ONLY	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015LA	CHICKEN-ORGAN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	0F0988	P 0.100000	0.100000		100.00	0.100000								
53015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000								

Table 1B.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 1301

DATE: 02/21/95

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
			ADI	UF		
Propargite (Dinitre) Caswell 1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	Zyr feeding rat NOEL = 3.8300 mg/kg 80.00 ppm LET = 19.2400 mg/kg 400.00 ppm ONCO: 32 (MED NOTE)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jelrum tu-mor/MRF); neg. in mice.	0.340000 OPR Rfd = 0.020000	-->100	No data gaps. Reg. Std. 9/86. q* calculated.	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)
5015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	0F0988	P 0.100000	0.100000		100.00	0.100000
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	0F0988	P 0.100000	0.100000		100.00	0.100000
5015MB	CHICKEN+SKIN	21 COOKED-NFS	0F0988	P 0.100000	0.100000		100.00	0.100000
5015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	0F0988	P 0.100000	0.100000		100.00	0.100000

Table 2.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

PAGE: 1

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Proprietary (Omitte) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	Zyr feeding- rat NOEL= 3,8300 mg/kg 80.00 ppm LEL= 19,2400 mg/kg 400.00 ppm ONCO: B2 (HED NOTE)	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 OPP RfD= 0.040000 EPA RfD= 0.020000 q*: 0.17100	No data gaps.	HED 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.

POPULATION SUBGROUP	TOTAL TMRC (HG/KG BODY WEIGHT/DAY)		NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES ARC	%RFD
	CURRENT TMRC*	NEW TMRC**				
U.S. POPULATION - 48 STATES	0.028962	0.028962	72.405908	0.000000	0.002683	6.70765
U.S. POPULATION - SPRING SEASON	0.027895	0.027895	69.737463	0.000000	0.002614	6.53385
U.S. POPULATION - SUMMER SEASON	0.028972	0.028972	72.430368	0.000000	0.002898	7.24620
U.S. POPULATION - FALL SEASON	0.028812	0.028812	72.030598	0.000000	0.002535	6.33726
U.S. POPULATION - WINTER SEASON	0.029081	0.029081	72.702450	0.000000	0.002624	6.56067
NORTHEAST REGION	0.032790	0.032790	81.975890	0.000000	0.002472	6.17935
NORTH CENTRAL REGION	0.027481	0.027481	68.701978	0.000000	0.002113	5.28336
SOUTHERN REGION	0.025693	0.025693	64.233425	0.000000	0.003416	8.54076
WESTERN REGION	0.030122	0.030122	75.305370	0.000000	0.002444	6.10971
HISPANICS	0.031363	0.031363	78.406783	0.000000	0.002061	5.15280
NON-HISPANIC WHITES	0.028540	0.028540	71.351115	0.000000	0.002641	6.60261
NON-HISPANIC BLACKS	0.027747	0.027747	69.366625	0.000000	0.003071	7.67791
NON-HISPANIC OTHERS	0.034323	0.034323	85.807778	0.000000	0.003141	7.85139
NURSING INFANTS (< 1 YEAR OLD)	0.054414	0.054414	136.034283	0.000000	0.001865	4.66290
NON-NURSING INFANTS (< 1 YEAR OLD)	0.104715	0.104715	261.786988	0.000000	0.004710	11.77405
FEMALES (13+ YEARS, PREGNANT)	0.021002	0.021002	52.505088	0.000000	0.001937	4.84271
FEMALES 13+ YEARS, NURSING	0.024671	0.024671	61.678018	0.000000	0.002606	6.51578
CHILDREN (1-6 YEARS OLD)	0.070053	0.070053	175.133288	0.000000	0.003731	9.32716
CHILDREN (7-12 YEARS OLD)	0.039276	0.039276	98.189250	0.000000	0.002719	6.79867
MALES (13-19 YEARS OLD)	0.022145	0.022145	55.361570	0.000000	0.002074	5.18507
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.020733	0.020733	51.832055	0.000000	0.001834	4.58608
MALES (20 YEARS AND OLDER)	0.020261	0.020261	50.651305	0.000000	0.002719	6.79856
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.021582	0.021582	53.953755	0.000000	0.002573	6.43245

*Current TMRC does not include new or pending tolerances.
**New TMRC includes new, pending, and published tolerances.

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 MOEL = 3.8300 mg/kg 80.00 ppm LOEL = 19.2400 mg/kg 400.00 ppm ONCO: B2 (MED MOEL)	Incr in deaths (N); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (Jejunum tumor/MET); neg. in mice.	ADI UF --> 100 OPP RfD = 0.040000 EPA RfD = 0.020000 g* 0.00011700	No data gaps.	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	THRC (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
06005AA	FIGS	9.000	P	0.025062	0.063	0.00000428560	2.09000 2.09000 2.09000	0.002870 0.000713 0.002237	0.007 0.002 0.006	0.00000049077 0.00000012192 0.00000038253
07003AA	TEA	10.000	P	0.314695	0.787	0.00005381285	3.46000	0.108884	0.272	0.00001861916
08020AA	HOPS	30.000	P	0.112239	0.281	0.00001919287	11.40000	0.042651	0.107	0.00000729332
270030A	COTTONSEED-OIL	0.100	P	0.002041	0.005	0.00000034901	0.00200	0.000041	0.000	0.00000000701
270030A	COTTONSEED-OIL	0.100	P	0.000012	0.000	0.00000000205	0.00200	0.000000	0.000	0.00000000000
43058AA	WINE AND SHERRY	10.000	P	0.841956	2.105	0.00014397448	0.02775	0.002309	0.006	0.00000039484
	21 COOKED-NFS						0.02775	0.000028	0.000	0.00000000479
CROP GROUP TOTALS FOR UNSPECIFIED:				1.296005	3.240	0.00022161686		0.159733	0.399	0.00002731434
14013AA	POTATOES(WHITE)-WHOLE	0.100	P	0.034006	0.085	0.00000581503	0.00200	0.000091	0.000	0.00000015556
	10 RAW-FRESH OR NFS						0.00200	0.000300	0.001	0.00000005130
	21 COOKED-NFS						0.00200	0.000289	0.001	0.00000004942
14013AB	POTATOES(WHITE)-UNSPECIFIED	0.100	P	0.000008	0.000	0.00000000137	0.00200	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00200	0.000144	0.000	0.00000002462
14013AC	POTATOES(WHITE)-PEELED	0.100	P	0.078426	0.196	0.00001341085	0.00200	0.000085	0.000	0.00000001454
	21 COOKED-NFS						0.00200	0.000867	0.002	0.00000014826
	22 COOKED-FRESH-BAKED						0.00200	0.000472	0.001	0.00000008071
14013DA	POTATOES(WHITE)-DRY	0.100	P	0.000845	0.002	0.00000014450	0.00200	0.000007	0.000	0.00000000120
	10 RAW-FRESH OR NFS						0.00200	0.000010	0.000	0.00000000171
	31 COOKED-FRESH OR CANNED									
14013HA	POTATOES(WHITE)-PEEL ONLY	0.100	P	0.000002	0.000	0.00000000034	0.00200	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED									
CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:				0.113287	0.283	0.00001937208		0.002265	0.006	0.00000038732

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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Table 3.

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omitte) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding- rat NOEL= 80.00 mg/kg LEL= 19,2400 mg/kg 400.00 ppm ONCO: B2 (HED NOTE)	Incr in deaths (N); 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. q* calculated.	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/G/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/G/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 31 COOKED-FRESH OR CANNED	0.200	P 0.001598	0.004	0.00000027326	0.00350	0.000006	0.000	0.0000000103
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 25 COOKED-FRESH-FRIED 31 COOKED-FRESH OR CANNED	0.200	P 0.007965	0.020	0.00000136202	0.00350	0.000010	0.000	0.00000001710
15001AF	BEANS-DRY-PLINTO 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	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	0.17920	0.000004	0.000	0.00000000068
15003AA	BEANS-SUCCULENT-GREEN 21 COOKED-NFS	20.000	P 4.001000	10.003	0.00068417100	0.17920	0.004595	0.011	0.00000078575
15003AB	BEANS-SUCCULENT-OTHER 10 RAW-FRESH OR NFS 21 COOKED-NFS	20.000	P 0.527676	1.319	0.00009023260	0.80920	0.000020	0.000	0.00000000342
15003AC	BEANS-SUCCULENT-YELLOW, MAX 21 COOKED-NFS	20.000	P 0.109268	0.273	0.00001868483	0.80920	0.021330	0.053	0.000000364743
15006AA	PEANUTS-WHOLE 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.100	P 0.006958	0.017	0.00000118982	0.80920	0.004421	0.011	0.00000075599
15013AA	MUNG BEANS (SPROUTS) 10 RAW-FRESH OR NFS 21 COOKED-NFS	20.000	P 0.133042	0.333	0.00002275018	0.80920	0.000015	0.000	0.00000000257
15022AA	BEANS-DRY-BROADBEANS(MATURE SEED) 00 NOT SPECIFIED (NO CONSUMPTION)	0.200	P 0.000000	0.000	0.000000000000	0.01960	0.000116	0.000	0.00000001984
15022AB	BEANS-SUCCULENT-BROADBEANS(IMMAT. SEED) 00 NOT SPECIFIED (NO CONSUMPTION)	20.000	P 0.000020	0.000	0.000000000342	0.00350	0.000000	0.000	0.00000000000
15023AA	BEANS-DRY-PIGEON BEANS 21 COOKED-NFS	0.200	P 0.000007	0.000	0.000000000120	0.80920	0.000001	0.000	0.00000000017
15027AA	BEANS-UNSPECIFIED 21 COOKED-NFS	20.000	P 0.104690	0.262	0.00001790199	0.00350	0.000000	0.000	0.00000000000
						5.60000	0.029313	0.073	0.00000501252

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Conte) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.250 185.5000	2yr feeding- rat NOEL= 3.8300 mg/kg LOEL= 80.00 ppm 19.2400 mg/kg 400.00 ppm ONCO: 92 (RED WOLF)	Incr in deaths (N); 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.	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)	%RED	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RED	ARC ONCO RISK
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS)	0.200	P	0.000000	0.000	0.000000000000	0.00350	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
15030AB	BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	20.000	P	0.000020	0.000	0.000000000342	0.80920	0.000001	0.000	0.00000000017
	00 NOT SPECIFIED (NO CONSUMPTION)									
15031AA	BEANS-DRY-BLACKEYE PEAS(COMPEAS)	0.200	P	0.000495	0.001	0.00000008465	0.00350	0.000009	0.000	0.00000000154
	21 COOKED-NFS									
15032AA	BEANS-DRY-GARBANZO(CHICK PEA)	0.200	P	0.000105	0.000	0.00000001796	0.00350	0.000001	0.000	0.00000000017
	21 COOKED-NFS									
270070A	PEANUTS-OIL	0.100	P	0.000523	0.001	0.00000008943	0.00250	0.000013	0.000	0.00000000222
	18 PROCESSED OIL									
CROP GROUP TOTALS FOR LEGUME VEGETABLES:		5.424140		13.560	0.00092752794	0.222488	0.556	0.00003804545		
02002AA	GRAPEFRUIT-UNSPECIFIED	5.000	P	0.000005	0.000	0.000000000086	0.00023	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
02002AB	GRAPEFRUIT-PULP	5.000	P	0.342322	0.856	0.00005853706	0.00023	0.000016	0.000	0.00000000274
	10 RAW-FRESH OR NFS									
	21 COOKED-NFS									
02002JA	GRAPEFRUIT-JUICE	5.000	P	0.812264	2.031	0.00013889714	0.00001	0.000000	0.000	0.000000000000
	15 RAW-FRESH OR CANNED									
	31 COOKED-FRESH OR CANNED									
02004AA	LEMONS-UNSPECIFIED	5.000	P	0.010348	0.026	0.00000176951	0.00002	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS									
	22 COOKED-FRESH-BAKED									
02004AB	LEMONS-PULP	5.000	P	0.001074	0.003	0.000000018365	0.00002	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS									
	31 COOKED-FRESH OR CANNED									
02004HA	LEMONS-PEEL	5.000	P	0.001285	0.003	0.00000021974	0.00002	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS									
	21 COOKED-NFS									
02004JA	LEMONS-JUICE	5.000	P	0.189564	0.474	0.00003241544	0.00000	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS									
	15 RAW-FRESH OR CANNED									
	21 COOKED-NFS									
02006AA	ORANGES-UNSPECIFIED	5.000	P	0.000005	0.000	0.000000000086	0.00003	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
02006AB	ORANGES-PULP	5.000	P	0.751762	1.879	0.00012855130	0.00003	0.000004	0.000	0.00000000068
	10 RAW-FRESH OR NFS									
	21 COOKED-NFS									

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Table 3.
TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propagrite (Onice) Caswell #1301 CAS NO. 2392-35-8 A.I. CODE: 097601 CFR NO. 180.259 185.5000	2yr feeding- fat NOEL= 3.0000 mg/kg 80.00 ppm 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED MOLE)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tu- mor/MLF); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 q*: 0.17100	No data gaps. Reg. Std. 9/86. q* calculated.	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 (UG/KG/DAY)	%RD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/G/DAY)	%RD	ARC ONCO RISK
05004AA	PEACHES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 51 COOKED-CANNED	7.000	1.507741	3.769	0.00025782371	0.01666 0.01666 0.01666 0.01666	0.001674 0.000164 0.001331 0.000420	0.004 0.000 0.003 0.001	0.00000028625 0.0000002804 0.00000022760 0.00000007182
05004DA	PEACHES-DRIED 10 RAW-FRESH OR NFS 21 COOKED-NFS	7.000	0.002430	0.006	0.00000041553	0.01666 0.01666	0.000003 0.000003	0.000 0.000	0.00000000051 0.00000000051
05005AA	PLUMS(DAWSONS)-FRESH 10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED	7.000	0.174038	0.435	0.00002976050	0.80910 0.80910	0.015058 0.005058	0.038 0.013	0.00000257492 0.00000086492
05005DA	PLUMS-PRUNES(DRIED) 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	7.000	0.121949	0.305	0.00002085328	0.58590 0.58590 0.58590	0.000361 0.002542 0.000500	0.001 0.006 0.001	0.00000006173 0.00000043468 0.00000008550
05005JA	PLUMS,PRUNE-JUICE 10 RAW-FRESH OR NFS 62 COOKED-FRESH OR FROZEN-BAKED	7.000	0.134797	0.337	0.00002305029	0.80910 0.80910	0.015557 0.000024	0.039 0.000	0.00000266025 0.00000000410
CROP GROUP TOTALS FOR STONE FRUITS:			2.245613	5.614	0.00038399982		0.064557	0.161	0.00001103925
01010AA	CRANBERRIES 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	10.000	0.150137	0.375	0.00002567343	0.54400 0.54400 0.54400	0.000348 0.000011 0.007808	0.001 0.000 0.020	0.00000005951 0.00000000188 0.00000133517
01010JA	CRANBERRIES-JUICE 15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED	10.000	0.187873	0.470	0.00003212628	0.01000 0.01000	0.000170 0.000001	0.000 0.000	0.0000002907 0.00000000017
01014AA	GRAPES-FRESH 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	10.000	0.437931	1.095	0.00007488620	0.00159 0.00159 0.00159	0.000039 0.000001 0.000030	0.000 0.000 0.000	0.00000000667 0.00000000017 0.00000000513
01014DA	GRAPES-RAISINS 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH OR CANNED	25.000	0.424325	1.061	0.00007255958	0.05284 0.05284 0.05284	0.000540 0.000051 0.000306	0.001 0.000 0.001	0.00000009234 0.00000000872 0.00000005233
01014JA	GRAPES-JUICE 10 RAW-FRESH OR NFS 15 RAW-FRESH OR CANNED 21 COOKED-NFS	10.000	1.081152	2.703	0.00018487699	0.00030 0.00030 0.00030	0.000003 0.000024 0.000001	0.000 0.000 0.000	0.00000000051 0.00000000410 0.00000000017
01016AA	STRAWBERRIES 10 RAW-FRESH OR NFS	7.000	0.242962	0.607	0.00004154650	0.01271	0.000308	0.001	0.000000005267

Table 3.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Proparqite (Omite) Caswell #1301 CAS No. 2312-55-8 A.I. CODE: 097601 CFR No. 180.259 185.5000	2yr feeding - rat NOEL = 3.8300 mg/kg 30.00 ppm LEL = 19.2400 mg/kg 400.00 ppm ONCO: B2 (HED NOTE)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/R&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. q* calculated.	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 (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
21	COOKED-NFS					0.01271	0.000063	0.000	0.00000001077
70	RAW-FROZEN					0.01271	0.000070	0.000	0.00000001197
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:			2.524380	6.311	0.00043166898		0.009774	0.024	0.00000167135

15004AA	CORN,POP	0.100	0.000677	0.002	0.00000011577	0.04000	0.000271	0.001	0.00000004634
15005AA	CORN,SHEET	0.100	0.023671	0.059	0.00000404774	0.00250	0.000000	0.000	0.00000000000
24002EA	CORN,GRAIN-ENDOSPERM	0.100	0.016540	0.041	0.00000282834	0.00250	0.000498	0.001	0.00000008516
24002HA	CORN,GRAIN-BRAN	0.100	0.000000	0.000	0.00000000000	0.00040	0.000000	0.000	0.00000000000
24002SA	CORN SUGAR	0.100	0.014575	0.036	0.00000249233	0.00040	0.000002	0.000	0.00000000034
24006AA	SORGHUM (INCLUDING MILLO)	0.100	0.237690	0.594	0.00004064499	0.00040	0.000051	0.000	0.00000000872
27002GA	CORN,GRAIN-OIL	0.100	0.002280	0.006	0.00000038988	0.00040	0.000005	0.000	0.00000000086
CROP GROUP TOTALS FOR CEREAL GRAINS:			0.295433	0.739	0.00005051904		0.001126	0.003	0.00000019255

03001AA	ALMONDS	0.100	0.000280	0.001	0.00000004788	0.02480	0.000032	0.000	0.00000000547
03009AA	WALNUTS	0.100	0.000482	0.001	0.00000008242	0.02480	0.000014	0.000	0.00000000239
CROP GROUP TOTALS FOR TREE NUTS:			0.000762	0.002	0.00000013030		0.000106	0.000	0.000000001813

Table 3.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Prostaglandin (Omitte) Caswell W/301 CAS NO. 2512-35-8 A.I. CODES 097601 CER NO. 180259 185.5000		2yr feeding rat MOE= 3.8300 mg/kg 80.00 ppm LEU= 19.2400 mg/kg 400.00 ppm QMCO: 82 (MED MOE)		Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcino- genicity rats (jejunum tu- mor/MCF); neg. in mice.		ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 Qr: 0.17100		No data gaps. Reg. Std. 9/86. Qr calculated.		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)	TMRC (UG/KG/DAY)	%RFD	%RFD	ARC (UG/KG/DAY)	%RFD	ARC (UG/KG/DAY)
280800A	PEPPERMINT	50.000	P	0.000050	0.000	0.000000000855	13.50000	0.000013	0.000	0.00000000222
280800A	00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P	0.012750	0.032	0.00000218025	13.50000	0.003443	0.009	0.00000058875
280810A	PEPPERMINT-OIL	50.000	P	0.000050	0.000	0.000000000855	13.50000	0.000013	0.000	0.00000000222
280810A	00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P	0.022900	0.057	0.00000391590	13.50000	0.006183	0.015	0.00000105729
280810A	00 NOT SPECIFIED (NO CONSUMPTION)	50.000	P	0.022900	0.057	0.00000391590	13.50000	0.006183	0.015	0.00000105729
CROP GROUP TOTALS FOR HERBS AND SPICES:				0.035750	0.089	0.00000611325	0.009652	0.024	0.0000165049	

53001BA	BEEF-NEAT BYPRODUCTS	0.100	P	0.001766	0.004	0.00000030199	0.01500	0.000246	0.001	0.00000004207
53001BA	21 COOKED-NFS	0.100	P	0.000603	0.002	0.00000010311	0.01500	0.000019	0.000	0.00000000325
53001BA	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0.100	P	0.000603	0.002	0.00000010311	0.01500	0.000019	0.000	0.00000000325
53001BA	21 COOKED-NFS	0.100	P	0.000253	0.001	0.00000004326	0.01500	0.000006	0.000	0.00000000103
53001BA	21 COOKED-NFS	0.100	P	0.037208	0.093	0.00000636257	0.13410	0.000193	0.000	0.00000003300
53001BA	BEEF(BONELESS)-FAT (BEEF TALLOW)	0.100	P	0.037208	0.093	0.00000636257	0.13410	0.000193	0.000	0.00000003300
53001BA	10 RAM-FRESH OR NFS	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001BA	21 COOKED-NFS	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001BA	22 COOKED-FRESH-BAKED	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001BA	23 COOKED-FRESH-BOILED	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001BA	24 COOKED-FRESH-BROILED	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001BA	25 COOKED-FRESH-FRIED	0.100	P	0.000253	0.001	0.00000004326	0.13410	0.000193	0.000	0.00000003300
53001KA	BEEF(ORGAN MEATS)-KIDNEY	0.100	P	0.000048	0.000	0.000000000821	0.01500	0.000007	0.000	0.00000000120
53001KA	21 COOKED-NFS	0.100	P	0.000048	0.000	0.000000000821	0.01500	0.000007	0.000	0.00000000120
53001LA	BEEF(ORGAN MEATS)-LIVER	0.100	P	0.002070	0.005	0.00000035397	0.01500	0.000306	0.001	0.00000005233
53001LA	25 COOKED-FRESH-FRIED	0.100	P	0.002070	0.005	0.00000035397	0.01500	0.000306	0.001	0.00000005233
53001LA	31 COOKED-FRESH OR CANNED	0.100	P	0.002070	0.005	0.00000035397	0.01500	0.000306	0.001	0.00000005233
53001MA	BEEF(BONELESS)-LEAN (W/O REMOVABLE FAT)	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53001MA	10 RAM-FRESH OR NFS	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53001MA	21 COOKED-NFS	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53001MA	22 COOKED-FRESH-BAKED	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53001MA	23 COOKED-FRESH-BOILED	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53001MA	24 COOKED-FRESH-BROILED	0.100	P	0.116199	0.290	0.00001987003	0.00250	0.000000	0.000	0.00000000000
53002BA	GOAT-MEAT BYPRODUCTS	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.00000000000
53002BA	00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.00000000000
53002BB	GOAT(ORGAN MEATS)-OTHER	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.00000000000
53002BB	00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.00000000000

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Table 3.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Propargite (Omite) Caswell #1301 CAS No. 2312-55-8 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 NOTE)	Incr in deaths (M); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (jejunum tumor/MCF); neg. in mice.	ADI UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000 q*: 0.17100	No data gaps. Reg. std. 9/86. q* calculated.	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	THRC (UG/KG/DAY)	%RFD	THRC 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	0.000000000068	0.10000 0.10000	0.000004 0.000000	0.000 0.000	0.000000000068 0.000000000000
53002KA	GOAT(ORGAN MEATS)-KIDNEY 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.000000	0.000	0.000000000000	0.10000	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	0.10000	0.000000	0.000	0.000000000000
53002MA	GOAT(BONELESS)-LEAN (W/O REMOVABLE FAT) 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.100	P	0.000019	0.000	0.000000000325	0.10000 0.10000	0.000016 0.000001	0.000 0.000	0.000000000308 0.000000000017
53003AA	HORSE 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.000000000000
53005BA	SHEEP-MEAT BYPRODUCTS 21 COOKED-NFS	0.100	P	0.000005	0.000	0.000000000086	0.10000	0.000005	0.000	0.000000000086
53005BB	SHEEP(ORGAN MEATS)-OTHER 21 COOKED-NFS	0.100	P	0.000002	0.000	0.000000000034	0.10000	0.000002	0.000	0.000000000034
53005FA	SHEEP(BONELESS)-FAT 21 COOKED-NFS	0.100	P	0.000430	0.001	0.00000007353	0.10000	0.000430	0.001	0.00000007353
53005KA	SHEEP(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.100	P	0.000001	0.000	0.000000000017	0.10000	0.000001	0.000	0.000000000017
53005LA	SHEEP(ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	0.100	P	0.000000	0.000	0.000000000000	0.10000	0.000000	0.000	0.000000000000
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVABLE FAT) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.100	P	0.001248	0.003	0.00000021341	0.10000 0.10000	0.001153 0.000096	0.003 0.000	0.000000197716 0.00000001642
53006BA	PORK-MEAT BYPRODUCTS 21 COOKED-NFS	0.100	P	0.002508	0.006	0.00000042887	0.01500	0.000376	0.001	0.00000006430
53006BB	PORK(ORGAN MEATS)-OTHER 21 COOKED-NFS	0.100	P	0.000385	0.001	0.000000006584	0.01500 0.01500	0.000054 0.000004	0.000 0.000	0.00000000923 0.000000000068
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD) 26 COOKED-FRESH-PICKLED, CORNED, OR CURED 10 RAW-FRESH OR NFS 21 COOKED-NFS 23 COOKED-FRESH-BOILED 25 COOKED-FRESH-FRIED	0.100	P	0.020820	0.052	0.000000356022	0.10500 0.10500 0.10500 0.10500	0.000180 0.010217 0.002406 0.002559	0.000 0.026 0.006 0.006	0.000000003078 0.00000174711 0.00000041143 0.00000043759
53006KA	PORK(ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.100	P	0.000001	0.000	0.000000000017	0.01500	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	0.000000008242	0.01500 0.01500	0.000064 0.000008	0.000 0.000	0.00000001094 0.000000000137

Table 3.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Proprietary (Only)	2yr feeding- rat	NOEL=	incr in deaths (M); decr	ADI	UF --> 100	No data gaps.	WHO reviewed 1982				
Caswell #1301	3,8300 mg/kg	80.00 ppm	body wt & body wt gain;	OPP RfD= 0.040000			EPA reviewed 03/17/87				
CAS No. 2312-35-8	19,2400 mg/kg	400.00 ppm	decr in total protein &	EPA RfD= 0.020000		Reg. Std. 9/86.	EPA deferred 04/15/87				
A.I. CODE: 057601			Ca. Evidence of carcino-	q*: 0.17300		q* calculated.	EPA verified 03/23/88				
CFR No. 180.259			genicity rats (jejunum tu-				RfD/PR reviewed 11/18/93				
185.5000			mor/MRF); neg. in mice.				On IRIS.				
COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES											
FOOD	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC (UG/KG/DAY)	YRFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	YRFD	ARC ONCO RISK		
CROP GROUP TOTALS FOR POULTRY:											
	25 COOKED-FRESH-FRIED	0.10000	0.017282	0.043	0.00000295522						
CROP GROUP TOTALS FOR POULTRY:											
	25 COOKED-FRESH-FRIED	0.050667	0.127	0.127	0.00000866406	0.050666	0.127	0.127	0.00000866389		
50000DB	MILK-NON-FAT SOLIDS	0.080	0.569029	1.423	0.00009730396	0.00250	0.014261	0.036	0.00000243863		
	10 RAW-FRESH OR NFS					0.00250	0.002890	0.007	0.00000049419		
	21 COOKED-NFS					0.00250	0.000631	0.002	0.00000010790		
50000FA	MILK-FAT SOLIDS	2.000	0.859440	2.149	0.00014696424	0.00250	0.006659	0.017	0.00000113869		
	10 RAW-FRESH OR NFS					0.00250	0.001774	0.004	0.00000030335		
	21 COOKED-NFS					0.00250	0.000026	0.000	0.00000000445		
50000SA	MILK SUGAR (LACTOSE)	0.080	0.002994	0.007	0.00000051197	0.00250	0.000000	0.000	0.00000000000		
	21 COOKED-NFS					0.00250	0.000094	0.000	0.00000001607		
	51 COOKED-CANNED					0.10000	0.000428	0.001	0.00000007319		
55014AA	EGGS-WHOLE	0.100	0.056450	0.141	0.00000965295	0.10000	0.031202	0.078	0.00000533554		
	10 RAW-FRESH OR NFS					0.10000	0.005996	0.015	0.00000102532		
	21 COOKED-NFS					0.10000	0.002465	0.006	0.00000042152		
	22 COOKED-FRESH-BAKED					0.10000	0.016359	0.041	0.000000279739		
	23 COOKED-FRESH-BOILED					0.10000	0.000011	0.000	0.00000000188		
	25 COOKED-FRESH-FRIED					0.10000	0.000072	0.000	0.00000001231		
55014AB	EGGS-WHITE ONLY	0.100	0.000920	0.002	0.00000015732	0.10000	0.000644	0.002	0.00000011012		
	10 RAW-FRESH OR NFS					0.10000	0.000061	0.000	0.00000001043		
	21 COOKED-NFS					0.10000	0.000134	0.000	0.000000002291		
	22 COOKED-FRESH-BAKED					0.10000	0.000083	0.000	0.00000001419		
	62 COOKED-FRESH OR FROZEN-BAKED					0.10000	0.000198	0.000	0.00000003386		
	81 COOKED-FROZEN					0.10000	0.000250	0.001	0.00000004275		
55014AC	EGGS-YOLK ONLY	0.100	0.000663	0.002	0.00000011337	0.10000	0.000131	0.000	0.000000002240		
	10 RAW-FRESH OR NFS					0.10000	0.000083	0.000	0.00000001419		
	21 COOKED-NFS					0.10000	0.000198	0.000	0.00000003386		
	25 COOKED-FRESH-FRIED					0.10000	0.000250	0.001	0.00000004275		
	31 COOKED-FRESH OR CANNED					0.10000	0.000131	0.000	0.000000002240		
CROP GROUP TOTALS FOR DAIRY PRODUCTS:											
		1.489496	3.724	0.00025470382		0.084369	0.211	0.211	0.00001442710		

Table 3.

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 02/21/95

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
			ADI	UF		
Propargite (Omite) Caswell #1301 CAS No. 2312-35-8 A.I. CODE: 097601 CFR No. 180.259 185.5090	2yr feeding- rat MOEL= 3.8300 mg/kg 30.00 ppm LEL= 19.2400 mg/kg 400.00 ppm ONCO: #2 (HED MOEL)	incr in deaths (N); decr body wt & body wt gain; decr in total protein & Ca. Evidence of carcinogenicity rats (Jejunum tumor/NEF); neg. in mice.	ADI . . . UF -->100 OPP RfD= 0.040000 EPA RfD= 0.020000	q*: 0.17100	No data gaps. Reg. std. 9/86. q* calculated.	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 (UG/KG/DAY)	THRC	ZRFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	ZRFD	ARC ONCO RISK
				28.401165	71.003	0.00485659922	0.719091	1.798		0.00012296456

TOLERANCE TYPE: N=NEW, A=APPENDING, P=PUBLISHED
 THRC=THEORETICAL MAXIMUM RESIDUE CONTRIBUTION
 ARC = ANTICIPATED RESIDUE CONTRIBUTION
 RFD = REFERENCE DOSE

GRAND TOTALS FOR U.S. POPULATION - 48 STATES