Attachment 3

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

SEP 26 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Memorandum

SUBJECT: Dietary Exposure Analysis for the Use of Chlorothalonil

FROM: Brian Steinwand BS
Dietary Risk Evaluation Section
Chemistry Exposure Branch 1 /HED (7509C)

TO: K. Whitby, Chief
RCAB (7509C)

THROUGH: Bart Suhre, Senior Scientist BSuhre
CEB1/Health Effects Division

Action Requested

Provide a chronic, acute and carcinogenic risk assessment for the use of chlorothalonil and its metabolite 4-hydroxy-2,5,6-trichloroisophthalonitrile (SDS-3701) using updated anticipated residues (ARs) supplied by CBRS (See memo, W. Smith, 6/13/95). Chlorothalonil has an impurity, Hexachlorobenzene (HCB), which should also be considered in the dietary risk assessment for registration.

Discussion

This analysis includes the pending uses on pistachios, asparagus, mangoes, almonds, and non-bell peppers.

The chronic analysis for chlorothalonil used tolerance level residues and percent crop treated information (See Tables 1, 2, 3), while the chronic analysis for HCB included Anticipated Residues (ARs) and percent crop treated (See Tables 4,5, and 6). The cancer analyses for chlorothalonil was performed using a non-linear methodology (MOE) approach (See Tables 7), while the cancer analysis for HCB used a Q* approach (Table 8) and used anticipated residues. The acute analysis on chlorothalonil also used tolerance level residues.

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For chronic analyses for HCB, a surrogate assessment as chlorothalonil was conducted. This step was taken because the existing DRES software cannot accommodate values less than 0.000001 mg/kg/day. Smaller values are truncated and the data is ignored, possibly resulting in an artificially lowered ARC. For meat, milk, poultry and eggs in the cancer assessment for which no actual chlorothalonil residues occur, the chlorothalonil equivalents were calculated for inclusion in the assessment by dividing the actual HCB values provided in the chemistry chapter by 0.0005, the contaminant level of HCB in chlorothalonil. After the analysis, all ARC values used in the assessments were converted to HCB from chlorothalonil equivalents by multiplying the ARC by 0.0005 mg/HCB per 1 mg chlorothalonil.

Toxicological Endpoint:

Chlorothalonil

The DRES chronic exposure analysis used a Reference Dose (RfD) of 0.02 mg/kg bwt/day based on a No Observed Effect Level (NOEL) of 2.0 mg/kg bwt/day and an uncertainty factor of 100 (See IRIS). The NOEL is based on a cancer study in rats which demonstrated as effects kidney weight changes, and incidences of epithelial hyperplasia in both proximal convoluted tubules of the kidney.

Chlorothalonil has been classified as a group B2 (probable human carcinogen) by the HED Carcinogenicity Peer Review Committee based upon evidence of carcinogenicity in rats and mice (E. Rinde memo, 7/20/88). As no Q_1^* is required to support registrations, it is recommended that a non-linear methodology (MOE) be applied for the estimation of human cancer risk.

↳ NOEL = 1.5 mg/kg/day

The endpoint for acute dietary risk assessment is the Developmental LOEL (175 mg/kg/day) from the rat developmental toxicity study (See Toxicology Endpoint Selection Document).

Hexachlorobenzene (HCB)

The DRES chronic exposure analysis used a Reference Dose (RfD) of 0.0008 mg/kg bwt/day, based on a No Observed Effect Level (NOEL) of 0.08 mg/kg bwt/day and an uncertainty factor of 100. The NOEL was taken from a 130 week feeding study in rats which demonstrated effects such as hepatic centrilobular basophilic chromogenesis. This value has been approved by both

HED (9/28/87) and Agency (6/22/88).

HCB has been classified as a group B2, probable human carcinogen by the CAG. The Q_1* for quantitation of human oral risk is 1.02 $(mg/kg/day)^{-1}$ (W. Burnam memo to E. Doyle and K. Whitby, 6/21/95).

Residue Information

Tolerances for chlorothalonil are published in 40 CFR § 180.275.

Anticipated Residues: Anticipated residues have been provided to DRES. One set of residues has been provided for chlorothalonil and another for residues of the contaminant, HCB (W. Smith memo, 6/13/95). US FDA monitoring data (1988-1993), USDA PDP survey data (1992-1994 partial), and field trial data are types of anticipated residue data provided for HCB and chlorothalonil.

Residues of HCB were generally estimated to be present at a level not exceeding 0.05% of the residues of chlorothalonil. This is equivalent to the maximum level of HCB that is allowed in formulations of chlorothalonil.

Results

A summary of the residue information considered in the chlorothalonil analysis is attached as Table 1 and in Table 4 for HCB. A DRES carcinogenic analysis was performed to estimate the Anticipated Residue Contribution (ARC) for the general population. Summaries of the ARCs and their representations as percentages of the Reference Dose (RfD) for the general population and 22 subgroups are included as Table 2 and 3 for chlorothalonil and Table 5 and 6 for HCB. Summaries of the carcinogenic risk and of the commodity contribution by raw agricultural commodity (RAC) for the overall U.S. population are attached as Table 7 for chlorothalonil and Table 8 for HCB. A summary of the acute dietary risk on the parent compound of chlorothalonil is attached as Table 9.

Chlorothalonil Chronic Exposure Analysis

Exposure from Existing ARs for chlorothalonil:

Subgroup	Exposure (mg/kg/day)	%RfD
U.S. Population	0.005245	26.2
Non-Nursing Infants(<1 year old)	0.008656	43.3

Exposure from new tolerances:

U.S. Population	0.000066	.330
Non-Nursing Infants(<1 year old)	0.000044	.219

If the new and pending ARs are approved :

U.S. Population	0.006474	32.3
Non-Nursing Infants(<1 year old)	0.011998	60.0

Based on the exposure estimates arrived at by this analysis, the dietary risk to all sub-populations from chlorothalonil appears to be minimal at the recommended tolerances.

Acute Exposure:

The DRES detailed acute analysis estimates the distribution of single-day exposures for the overall U.S. population and certain subgroups. The analysis evaluates individual food consumption as reported by respondents in the USDA 1977-78 Nationwide Food Consumption Survey (NFCS) and accumulates exposure to the chemical for each commodity. Each analysis assumes uniform distribution of chlorothalonil in the commodity supply.

The Margin of Exposure (MOE) is a measure of how close the high end exposure comes to the LOEL (the highest dose at which no effects were observed in the laboratory test), and is calculated as the ratio of the NOEL to the exposure (LOEL/exposure = MOE). Generally, acute dietary margins of exposure greater than 300 (when the endpoint of concern is a LOEL) tend to cause no dietary concern. The high end MOE for all subgroups was greater than 875 (See Table 9), and is above the acceptable level and demonstrates no acute dietary concern.

Chlorothalonil Upper Bound Carcinogenic Exposure:

Due to the instability of chlorothalonil per se in meat and milk tissues, residues would not be expected to occur even in the event of misuse. Therefore, residues of chlorothalonil, per se, are not expected to transfer from feed items to meat and milk but residues of SDS-3701 could occur in these commodities. Thus, there is no carcinogenic risk attributable to chlorothalonil from its use on meat and milk.

As no Q_1^* is required to support registrations, it is recommended that a non-linear methodology (MOE) be applied for the estimation of human cancer risk. Cancer MOEs are estimated by dividing the carcinogenic NOEL by the chronic exposure. The assessment was conducted for the Total U.S. Population only. Using this approach, the upper bound cancer risk was calculated as follows:

TABLE 7

Exposure = ARC
= 0.000471 mg/kg/day

MOE = NOEL ÷ Exposure
1.5 = ~~2~~mg/kg/day ÷ 0.000471mg/kg/day
= ~~4246~~ = 3185

This figure is above the level which the Agency considers negligible for excess life time cancer risk and is not of concern.

HCB Chronic Exposure Analysis

Exposure from Existing ARs for HCB:

Subgroup	Exposure (mg/kg/day)	%RfD
U.S. Population	0.000134	.008
Children (1-6 years old)	0.000216	.001

Exposure from new uses:

U.S. Population	0.000066	.004
Children (1-6 years old)	0.000044	.002

If the new and pending ARs are approved:

U.S. Population	0.000471	.029
Children (1-6 years old)	0.000804	.050

Based on the exposure estimates arrived at by this analysis, the dietary risk to all sub-populations from HCB appears to be minimal at the recommended tolerances.

HCB Upper Bound Carcinogenic Exposure:

Based on a Q_1^* of 1.02 $(mg/kg/day)^{-1}$, the upper bound cancer risk was calculated to be 2.4×10^{-7}, contributed through all the published, pending and new uses for HCB.

This upper bound risk is below the range the Agency generally considers negligible for excess life time cancer risk and is no cause for concern. A summary of the commodity contribution by raw agricultural commodity (RAC) for the overall U.S. population subgroup is attached as Table 8.

Conclusions

Chlorothalonil does not pose a significant chronic, acute or carcinogenic dietary risk for uses that are currently published or for uses recommended by CBRS for registration. HCB does not pose a significant chronic or carcinogenic dietary risk for uses that are currently published or for uses recommended by CBRS for registration.

Attachments

cc:DRES, CEB1 (W. Smith), Caswell #215B, RCAB

TABLE 1

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 215B DATE: 09/22/97 PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	21 COOKED-NFS	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	0E3889	P 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	2E2939	P 5.000000	5.000000	MONITORING	60.00	3.000000
01010AA	CRANBERRIES	21 COOKED-NFS	2E2939	P 5.000000	5.000000	MONITORING	60.00	3.000000
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	2E2939	P 5.000000	5.000000	MONITORING	60.00	3.000000
01010JA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	2E2939	P 5.000000	5.000000	MONITORING	60.00	3.000000
01010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	2E2939	P 5.000000	5.000000	MONITORING	60.00	3.000000
03001AA	ALMONDS	10 RAW-FRESH OR NFS	5E04558	N 0.050000	0.050000		100.00	0.050000
03001AA	ALMONDS	21 COOKED-NFS	5E04558	N 0.050000	0.050000		100.00	0.050000
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	5E04558	N 0.050000	0.050000		100.00	0.050000
03005AA	FILBERTS	10 RAW-FRESH OR NFS	2E4113	P 0.100000	0.100000		100.00	0.100000
03005AA	FILBERTS	21 COOKED-NFS	2E4113	P 0.100000	0.100000		100.00	0.100000
03005AA	FILBERTS	22 COOKED-FRESH-BAKED	2E4113	P 0.100000	0.100000		100.00	0.100000
03008AA	PECANS	10 RAW-FRESH OR NFS	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	21 COOKED-NFS	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	22 COOKED-FRESH-BAKED	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	23 COOKED-FRESH-BOILED	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	62 COOKED-FRESH OR FROZEN-BAKED	7F3471	A 0.020000	0.020000		100.00	0.020000
03011AA	PISTACHIO NUTS	10 RAW-FRESH OR NFS	6E4672	N 0.200000	0.200000		100.00	0.200000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05001AA	APRICOTS-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	40.00	0.200000
05002AA	CHERRIES-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.500000	MONITORING	40.00	0.200000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.500000	MONITORING	40.00	0.200000
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	3F1382	P 0.500000	0.500000	MONITORING	40.00	0.200000
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	3F1382	P 0.500000	0.500000C	MONITORING + PR	40.00	0.200000
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	3F1382	P 0.500000	0.500000C	MONITORING + PR	40.00	0.200000
05002JA	CHERRIES-JUICE	21 COOKED-NFS	3F1382	P 0.500000	0.500000C	MONITORING + PR	40.00	0.200000
05003AA	NECTARINES	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05004AA	PEACHES-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.500000	MONITORING + PR	35.00	0.175000
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.500000	MONITORING + PR	35.00	0.175000
05004AA	PEACHES-FRESH	51 COOKED-CANNED	3F1382	P 0.500000	0.500000	MONITORING + PR	35.00	0.175000
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.500000	MONITORING	35.00	0.175000
05004DA	PEACHES-DRIED	21 COOKED-NFS	3F1382	P 0.500000	0.500000	MONITORING + PR	35.00	0.175000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.200000	MONITORING	10.00	0.020000
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	2F2602	P 0.200000	0.200000	MONITORING	10.00	0.020000
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.200000C	MONITORING + PR	10.00	0.020000
05005DA	PLUMS-PRUNES	21 COOKED-NFS	2F2602	P 0.200000	0.200000C	MONITORING + PR	10.00	0.020000
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	2F2602	P 0.200000	0.200000C	MONITORING + PR	10.00	0.020000
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.200000C	MONITORING + PR	10.00	0.020000
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	2F2602	P 0.200000	0.200000C	MONITORING + PR	10.00	0.020000
06002AA	BANANAS-UNSPEC	22 COOKED-FRESH-BAKED	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06002AB	BANANAS-FRESH	10 RAW-FRESH OR NFS	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06002AB	BANANAS-FRESH	21 COOKED-NFS	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06002DA	BANANAS-DRIED	10 RAW-FRESH OR NFS	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06002DA	BANANAS-DRIED	21 COOKED-NFS	8F2067	P 0.050000	0.050000	MONITORING	10.00	0.005000
06007AA	MANGOES	10 RAW-FRESH OR NFS	1E4018	N 1.000000	1.000000		100.00	1.000000
06007AA	MANGOES	21 COOKED-NFS	1E4018	N 1.000000	1.000000		100.00	1.000000
06010AA	PAPAYAS-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	6E1761	P 15.00000	15.000000	MONITORING	100.00	15.000000
06010AB	PAPAYAS-PULP	10 RAW-FRESH OR NFS	6E1761	P 15.00000	15.000000	MONITORING	100.00	15.000000
06010AB	PAPAYAS-PULP	51 COOKED-CANNED	6E1761	P 15.00000	15.000000	MONITORING	100.00	15.000000
06010DA	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	6E1761	P 15.00000	15.000000	MONITORING	100.00	15.000000
06010JA	PAPAYAS-JUICE	10 RAW-FRESH OR NFS	631761	P 15.00000	15.000000	MONITORING	100.00	15.000000
06014AA	PASSION FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	5E1569	P 3.000000	3.000000		100.00	3.000000
06016AA	PLANTAINS	21 COOKED-NFS	8F2067	P 0.050000	0.050000	MONITORING	100.00	0.050000
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	8F2067	P 0.050000	0.050000	MONITORING	100.00	0.050000
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	8F2067	P 0.050000	0.050000	MONITORING	100.00	0.050000
07001FA	COCOA BUTTER	21 COOKED-NFS	2E2744	P 0.050000	0.050000	PROCESSING	100.00	0.050000
07001SA	CHOCOLATE	10 RAW-FRESH OR NFS	2E2744	P 0.050000	0.050000	PROCESSING	100.00	0.050000
07001SA	CHOCOLATE	21 COOKED-NFS	2E2744	P 0.050000	0.050000	PROCESSING	100.00	0.050000
07001SA	CHOCOLATE	22 COOKED-FRESH-BAKED	2E2744	P 0.050000	0.050000	PROCESSING	100.00	0.050000
07002AA	COFFEE	21 COOKED-NFS	2E2744	P 0.200000	0.200000	PROCESSING	100.00	0.200000
08048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	6F4676	N 5.000000	5.000000		100.00	5.000000
10002AA	CANTALOUPES-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10002AB	CANTALOUPES-PULP	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10002AB	CANTALOUPES-PULP	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10003AA	CASABAS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10004AA	CRENSHAWS	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	20.00	1.000000
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10008AA	WATERMELON	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	55.00	2.750000
10008AA	WATERMELON	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	55.00	2.750000
10010AA	CUCUMBERS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	35.00	1.750000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
10010AA	CUCUMBERS	11 RAW-FRESH-PICKLED,CORNED,OR CURED	1F1024	P 5.000000	5.000000	MONITORING + PR	35.00	1.750000
10010AA	CUCUMBERS	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	35.00	1.750000
10011AA	PUMPKIN	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10011AA	PUMPKIN	22 COOKED-FRESH-BAKED	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10011AA	PUMPKIN	62 COOKED-FRESH OR FROZEN-BAKED	1F1024	P 5.000000	5.000000	MONITORING	30.00	1.500000
10013AA	SQUASH-SUMMER	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	15.00	0.750000
10013AA	SQUASH-SUMMER	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	15.00	0.750000
10014AA	SQUASH-WINTER	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING + PR	15.00	0.750000
10014AA	SQUASH-WINTER	21 COOKED-NFS	1F1024	P 5.000000	0.500000	MONITORING + PR	15.00	0.075000
10014AA	SQUASH-WINTER	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	0.500000	MONITORING + PR	15.00	0.075000
10017AA	BITTER MELON	21 COOKED-NFS	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10020AA	TOWELGOURD	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	10 RAW-FRESH OR NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	21 COOKED-NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	10 RAW-FRESH OR NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	21 COOKED-NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	31 COOKED-FRESH OR CANNED	6F4676	N 5.000000	5.000000		100.00	5.000000
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	MONITORING	70.00	3.500000
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING	70.00	3.500000
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	5.000000	MONITORING	70.00	3.500000
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005JA	TOMATOES-JUICE	21 COOKED-NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005RA	TOMATOES-PUREE	21 COOKED-NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005TA	TOMATOES-PASTE	21 COOKED-NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
11005UA	TOMATOES-CATSUP	21 COOKED-NFS	1F1024	P 5.000000	5.000000C	MONITORING + PR	70.00	3.500000
13002AA	CELERY	10 RAW-FRESH OR NFS	7F0599	P 15.00000	15.000000	MONITORING	85.00	12.750000
13002AA	CELERY	21 COOKED-NFS	7F0599	P 15.00000	15.000000	MONITORING	85.00	12.750000
13005AA	BROCCOLI	21 COOKED-NFS	7F0599	P 5.000000	5.000000	MONITORING	15.00	0.750000
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	7F0599	P 5.000000	5.000000	MONITORING	15.00	0.750000
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	7F0599	P 5.000000	5.000000	MONITORING	15.00	0.750000
13006AA	BRUSSEL SPROUTS	21 COOKED-NFS	7F0599	P 5.000000	5.000000	MONITORING	42.00	2.100000
13006AA	BRUSSEL SPROUTS	23 COOKED-FRESH-BOILED	7F0599	P 5.000000	5.000000	MONITORING	42.00	2.100000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
13007AA	CABBAGE	10 RAW-FRESH OR NFS	7F0599	P 5.000000	5.000000	MONITORING	50.00	2.500000
13007AA	CABBAGE	11 RAW-FRESH-PICKLED,CORNED,OR CURED	7F0599	P 5.000000	5.000000	MONITORING + PR	50.00	2.500000
13007AA	CABBAGE	21 COOKED-NFS	7F0599	P 5.000000	5.000000	MONITORING + PR	50.00	2.500000
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	7F0599	P 5.000000	5.000000	MONITORING	20.00	1.000000
13008AA	CAULIFLOWER	21 COOKED-NFS	7F0599	P 5.000000	5.000000	MONITORING	20.00	1.000000
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	7F0599	P 5.000000	5.000000	MONITORING	100.00	5.000000
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	7F0599	P 5.000000	5.000000	MONITORING + PR	100.00	5.000000
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)	7F0599	P 15.00000	15.000000	MON (CELERY)	100.00	15.000000
14003AA	CARROTS	10 RAW-FRESH OR NFS	7E1887	P 1.000000	1.000000	MONITORING	35.00	0.350000
14003AA	CARROTS	21 COOKED-NFS	7E1887	P 1.000000	1.000000	MONITORING + PR	35.00	0.350000
14003AA	CARROTS	23 COOKED-FRESH-BOILED	7E1887	P 1.000000	1.000000	MONITORING + PR	35.00	0.350000
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	7E1887	P 1.000000	1.000000	MONITORING + PR	35.00	0.350000
14003AA	CARROTS	51 COOKED-CANNED	7E1887	P 1.000000	1.000000	MONITORING + PR	35.00	0.350000
14007AA	GARLIC	10 RAW-FRESH OR NFS	4E1502	P 0.500000	0.500000	MONITORING	10.00	0.050000
14007AA	GARLIC	21 COOKED-NFS	4E1502	P 0.500000	0.500000	MONITORING	10.00	0.050000
14007AA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED	4E1502	P 0.500000	0.500000	MONITORING	10.00	0.050000
14010AA	LEEKS	31 COOKED-FRESH OR CANNED	4E1502	P 5.000000	5.000000	MONITORING	65.00	3.250000
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS	4E1502	P 0.500000	0.500000	MONITORING	65.00	0.325000
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS	4E1502	P 0.500000	0.500000	MONITORING	65.00	0.325000
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED	4E1502	P 0.500000	0.500000	MONITORING	65.00	0.325000
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED	4E1502	P 0.500000	0.500000	MONITORING	65.00	0.325000
14011DA	ONIONS-DRIED	12 RAW-FRESH-DRIED	4E1502	P 0.500000	0.500000	MONITORING	65.00	0.325000
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AB	POTATO(WH)-UNSPE	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	9F9743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	9F9743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.100000	MONITORING	30.00	0.030000
14017AA	SHALLOTS	00 NOT SPECIFIED (NO CONSUMPTION)	4E1502	P 5.000000	5.000000	MON-BULB ONIONS	100.00	5.000000
14021AA	PARSNIPS	21 COOKED-NFS	7E1887	P 1.000000	1.000000	MONITORING	10.00	0.100000
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	1F1024	P 5.000000	5.000000	MONITORING + PR	40.00	2.000000
15005AA	CORN,SWEET	10 RAW-FRESH OR NFS	7F0599	P 1.000000	1.000000	MONITORING	5.00	0.050000
15005AA	CORN,SWEET	21 COOKED-NFS	7F0599	P 1.000000	1.000000	MONITORING	5.00	0.050000
15005AA	CORN,SWEET	31 COOKED-FRESH OR CANNED	7F0599	P 1.000000	1.000000	MONITORING	5.00	0.050000
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	1F1024	P 0.300000	0.300000	MONITORING	90.00	0.270000
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	1F1024	P 0.300000	0.300000	MONITORING	90.00	0.270000
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	1F1024	P 0.300000	0.300000	MONITORING	90.00	0.270000
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	8E2065	P 0.100000	0.100000		100.00	0.100000
15013AA	MUNG BEANS	21 COOKED-NFS	8E2065	P 0.100000	0.100000		100.00	0.100000
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	6F1799	P 0.200000	0.200000	MONITORING	100.00	0.200000
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15032AA	BEANS-DRY	21 COOKED-NFS	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.100000	MONITORING	2.00	0.002000
16002AA	ASPARAGUS	21 COOKED-NFS	2E04042	N 0.100000	0.100000		100.00	0.100000
16002AA	ASPARAGUS	23 COOKED-FRESH-BOILED	2E04042	N 0.100000	0.100000		100.00	0.100000
16003AA	MUSHROOMS	10 RAW-FRESH OR NFS	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	21 COOKED-NFS	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	31 COOKED-FRESH OR CANNED	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	53 COOKED-CANNED-BOILED	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16004AA	ONIONS-GREEN	10 RAW-FRESH OR NFS	4E1502	P 5.000000	5.000000	MONITORING	65.00	3.250000
16004AA	ONIONS-GREEN	21 COOKED-NFS	4E1502	P 5.000000	5.000000	MONITORING	65.00	3.250000
16004AA	ONIONS-GREEN	25 COOKED-FRESH-FRIED	4E1502	P 5.000000	5.000000	MONITORING	65.00	3.250000
27007OA	PEANUTS-OIL	18 PROCESSED OIL	1F1024	P 0.300000	0.300000	MONITORING + PR	90.00	0.270000
27010OA	SOYBEANS-OIL	18 PROCESSED OIL	6F1799	P 0.200000	0.200000	MONITORING + PR	1.00	0.002000
28023AA	SOYBEANS-UNSPEC	21 COOKED-NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023AB	SOYBEANS-DRY	10 RAW-FRESH OR NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023AB	SOYBEANS-DRY	21 COOKED-NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023AB	SOYBEANS-DRY	23 COOKED-FRESH-BOILED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WA	SOY-FL, FULL FAT	21 COOKED-NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED						

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Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
28023WA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WB	SOY-FL, LOW FAT	21 COOKED-NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WC	SOY-FL,DEFAT	10 RAW-FRESH OR NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WC	SOY-FL,DEFAT	21 COOKED-NFS	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WC	SOY-FL,DEFAT	22 COOKED-FRESH-BAKED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WC	SOY-FL,DEFAT	51 COOKED-CANNED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28023WC	SOY-FL,DEFAT	53 COOKED-CANNED-BOILED	6F1799	P 0.200000	0.200000	MONITORING	1.00	0.002000
28080AA	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28080OA	PEPPERMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28081AA	SPEARMINT	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28081OA	SPEARMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
50000DB	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
50000DB	MILK-NON-FAT SOL	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
50000DB	MILK-NON-FAT SOL	51 COOKED-CANNED	6F4611	A 0.100000	0.100000		100.00	0.100000
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	6F4611	A 0.100000	0.100000		100.00	0.100000
50000SA	MILK SUG (LACT)	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
50000SA	MILK SUG (LACT)	51 COOKED-CANNED	6F4611	A 0.100000	0.100000		100.00	0.100000
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.050000	0.050000		100.00	0.050000
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53001BB	BEEF-OTH ORGAN	51 COOKED-CANNED	6F4611	A 0.050000	0.050000		100.00	0.050000
53001DA	BEEF-DRIED	21 COOKED-NFS	6F4611	A 0.030000	0.030000		100.00	0.030000
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	6F4611	A 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	6F4611	A 0.100000	0.100000		100.00	0.100000
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.100000		100.00	0.100000
53001KA	BEEF-KIDNEY	21 COOKED-NFS	6F4611	A 0.500000	0.500000		100.00	0.500000
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	6F4611	A 0.050000	0.050000		100.00	0.050000
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	6F4611	A 0.050000	0.050000		100.00	0.050000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	6F4611	A 0.030000	0.030000		100.00	0.030000
53001MA	BEEF-LEAN	21 COOKED-NFS	6F4611	A 0.030000	0.030000		100.00	0.030000
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	6F4611	A 0.030000	0.030000		100.00	0.030000
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	6F4611	A 0.030000	0.030000		100.00	0.030000
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	6F4611	A 0.030000	0.030000		100.00	0.030000
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.050000	0.050000		100.00	0.050000
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.050000	0.050000		100.00	0.050000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.100000		100.00	0.100000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.100000		100.00	0.100000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.500000	0.500000		100.00	0.500000
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.050000	0.050000		100.00	0.050000
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	6F4611	A 0.030000	0.030000		100.00	0.030000
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	6F4611	A 0.030000	0.030000		100.00	0.030000
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.500000	0.500000		100.00	0.500000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53005FA	SHEEP-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
53005KA	SHEEP-KIDNEY	21 COOKED-NFS	6F4611	A 0.500000	0.500000		100.00	0.500000
53005LA	SHEEP-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.050000	0.050000		100.00	0.050000
53005MA	SHEEP-LEAN	21 COOKED-NFS	6F4611	A 0.030000	0.030000		100.00	0.030000
53005MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	6F4611	A 0.030000	0.030000		100.00	0.030000
53006BA	PORK-MEAT BYP	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.050000	0.050000		100.00	0.050000
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
53006FA	PORK-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.100000		100.00	0.100000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.100000		100.00	0.100000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.100000		100.00	0.100000
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.100000	0.100000		100.00	0.100000
53006KA	PORK-KIDNEY	21 COOKED-NFS	6F4611	A 0.500000	0.500000		100.00	0.500000
53006LA	PORK-LIVER	21 COOKED-NFS	6F4611	A 0.050000	0.050000		100.00	0.050000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	6F4611	A 0.050000	0.050000		100.00	0.050000
53006MA	PORK-LEAN	21 COOKED-NFS	6F4611	A 0.030000	0.030000		100.00	0.030000
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	6F4611	A 0.030000	0.030000		100.00	0.030000
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.030000	0.030000		100.00	0.030000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY) CURRENT TMRC*	NEW TMRC**	NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES ARC	%RFD
U.S. POPULATION - 48 STATES	0.012704	0.013869	69.342795	5.822585	0.006474	32.37215
U.S. POPULATION - SPRING SEASON	0.012392	0.013480	67.400815	5.441595	0.006352	31.75763
U.S. POPULATION - SUMMER SEASON	0.014419	0.015566	77.830240	5.737585	0.007424	37.11869
U.S. POPULATION - FALL SEASON	0.012093	0.013309	66.543960	6.079840	0.005993	29.96452
U.S. POPULATION - WINTER SEASON	0.011770	0.012977	64.883545	6.032680	0.005978	29.89218
NORTHEAST REGION	0.012872	0.014081	70.403290	6.042590	0.006715	33.57261
NORTH CENTRAL REGION	0.012763	0.013978	69.892095	6.077690	0.006363	31.81742
SOUTHERN REGION	0.011724	0.012738	63.689790	5.071500	0.005867	29.33683
WESTERN REGION	0.013887	0.015178	75.892210	6.456205	0.007153	35.76437
HISPANICS	0.012694	0.014167	70.836840	7.367865	0.006910	34.54892
NON-HISPANIC WHITES	0.013041	0.014203	71.015320	5.812255	0.006539	32.69494
NON-HISPANIC BLACKS	0.010061	0.011079	55.392860	5.088595	0.005335	26.67683
NON-HISPANIC OTHERS	0.014255	0.015545	77.725290	6.449115	0.008293	41.46608
NURSING INFANTS (< 1 YEAR OLD)	0.006373	0.007819	39.096930	7.231140	0.003574	17.87227
NON-NURSING INFANTS (< 1 YEAR OLD)	0.015758	0.022376	111.880815	33.088615	0.012059	60.29678
FEMALES (13+ YEARS, PREGNANT)	0.010326	0.011154	55.768240	4.140145	0.005051	25.25606
FEMALES 13+ YEARS, NURSING	0.012049	0.013114	65.572450	5.327510	0.006197	30.98693
CHILDREN (1-6 YEARS OLD)	0.022501	0.025800	129.002300	16.494940	0.011998	59.99013
CHILDREN (7-12 YEARS OLD)	0.018059	0.020099	100.497420	10.204180	0.009017	45.08314
MALES (13-19 YEARS OLD)	0.012360	0.013647	68.235395	6.434835	0.006147	30.73487
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.011161	0.012140	60.700870	4.896240	0.005670	28.34784
MALES (20 YEARS AND OLDER)	0.010281	0.010943	54.712530	3.307830	0.005066	25.32775
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.010670	0.011251	56.255965	2.904465	0.005340	26.70005

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

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TABLE 3

TOLERANCE ASSESSMENT SUMMARY FOR Chlorothalonil DATE: 09/22/97
USING ANTICIPATED RESIDUES
CASWELL #215B

ANALYSIS FOR POPULATION SUB-GROUP: U.S. POPULATION - 48 STATES

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.005245	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	26.227	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000066	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.330	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.005311	MG/KG/DAY
THE NEW ARC WILL OCCUPY	26.556	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.001163	MG/KG/DAY
THIS ARC WILL OCCUPY	5.816	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.006474	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	32.372	% OF THE ADI.

ANALYSIS FOR POPULATION SUB-GROUP: CHILDREN (1-6 YEARS OLD)

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.008656	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	43.282	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000044	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.219	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.008700	MG/KG/DAY
THE NEW ARC WILL OCCUPY	43.501	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.003298	MG/KG/DAY
THIS ARC WILL OCCUPY	16.489	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.011998	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	59.990	% OF THE ADI.

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TABLE 4

HCB

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 215B DATE: 09/22/97 PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
~~Chlorothalonil~~ Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	21 COOKED-NFS	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	0E3889	P 1.000000	1.000000		100.00	1.000000
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	0E3889	P 1.000000	1.000000		100.00	1.000000
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	2E2939	P 5.000000	0.412500	MONITORING	100.00	0.412500
01010AA	CRANBERRIES	21 COOKED-NFS	2E2939	P 5.000000	0.412500	MONITORING	100.00	0.412500
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	2E2939	P 5.000000	0.412500	MONITORING	100.00	0.412500
01010JA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	2E2939	P 5.000000	0.412500	MONITORING	100.00	0.412500
01010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	2E2939	P 5.000000	0.412500	MONITORING	100.00	0.412500
03001AA	ALMONDS	10 RAW-FRESH OR NFS	5E04558	N 0.050000	0.050000		100.00	0.050000
03001AA	ALMONDS	21 COOKED-NFS	5E04558	N 0.050000	0.050000		100.00	0.050000
03001AA	ALMONDS	22 COOKED-FRESH-BAKED	5E04558	N 0.050000	0.050000		100.00	0.050000
03005AA	FILBERTS	10 RAW-FRESH OR NFS	2E4113	P 0.100000	0.100000		100.00	0.100000
03005AA	FILBERTS	21 COOKED-NFS	2E4113	P 0.100000	0.100000		100.00	0.100000
03005AA	FILBERTS	22 COOKED-FRESH-BAKED	2E4113	P 0.100000	0.100000		100.00	0.100000
03008AA	PECANS	10 RAW-FRESH OR NFS	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	21 COOKED-NFS	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	22 COOKED-FRESH-BAKED	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	23 COOKED-FRESH-BOILED	7F3471	A 0.020000	0.020000		100.00	0.020000
03008AA	PECANS	62 COOKED-FRESH OR FROZEN-BAKED	7F3471	A 0.020000	0.020000		100.00	0.020000
03011AA	PISTACHIO NUTS	10 RAW-FRESH OR NFS	6E4672	N 0.200000	0.200000		100.00	0.200000
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.007800	MONITORING	100.00	0.007800
05001AA	APRICOTS-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.007800	MONITORING	100.00	0.007800
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.007800	MONITORING	100.00	0.007800
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.007800	MONITORING	100.00	0.007800
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	3F1382	P 0.500000	0.007800	MONITORING	100.00	0.007800
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.002000	MONITORING	100.00	0.002000
05002AA	CHERRIES-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.002000	MONITORING	100.00	0.002000
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.002000	MONITORING	100.00	0.002000
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	3F1382	P 0.500000	0.002000	MONITORING	100.00	0.002000
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	3F1382	P 0.500000	0.002000C	MONITORING + PR	100.00	0.002000
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	3F1382	P 0.500000	0.002000C	MONITORING + PR	100.00	0.002000
05002JA	CHERRIES-JUICE	21 COOKED-NFS	3F1382	P 0.500000	0.002000C	MONITORING + PR	100.00	0.002000
05003AA	NECTARINES	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.001750	MONITORING	100.00	0.001750
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.001800	MONITORING	100.00	0.001800
05004AA	PEACHES-FRESH	21 COOKED-NFS	3F1382	P 0.500000	0.001800	MONITORING + PR	100.00	0.001800
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	3F1382	P 0.500000	0.001800	MONITORING + PR	100.00	0.001800
05004AA	PEACHES-FRESH	51 COOKED-CANNED	3F1382	P 0.500000	0.001800	MONITORING + PR	100.00	0.001800
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	3F1382	P 0.500000	0.001800	MONITORING	100.00	0.001800
05004DA	PEACHES-DRIED	21 COOKED-NFS	3F1382	P 0.500000	0.001800	MONITORING + PR	100.00	0.001800

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.000500	MONITORING	100.00	0.000500
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	2F2602	P 0.200000	0.000500	MONITORING	100.00	0.000500
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.000500C	MONITORING + PR	100.00	0.000500
05005DA	PLUMS-PRUNES	21 COOKED-NFS	2F2602	P 0.200000	0.000500C	MONITORING + PR	100.00	0.000500
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	2F2602	P 0.200000	0.000500C	MONITORING + PR	100.00	0.000500
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	2F2602	P 0.200000	0.000500C	MONITORING + PR	100.00	0.000500
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	2F2602	P 0.200000	0.000500C	MONITORING + PR	100.00	0.000500
06002AA	BANANAS-UNSPEC	22 COOKED-FRESH-BAKED	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06002AB	BANANAS-FRESH	10 RAW-FRESH OR NFS	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06002AB	BANANAS-FRESH	21 COOKED-NFS	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06002DA	BANANAS-DRIED	10 RAW-FRESH OR NFS	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06002DA	BANANAS-DRIED	21 COOKED-NFS	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06007AA	MANGOES	10 RAW-FRESH OR NFS	1E4018	N 1.000000	1.000000		100.00	1.000000
06007AA	MANGOES	21 COOKED-NFS	1E4018	N 1.000000	1.000000		100.00	1.000000
06010AA	PAPAYAS-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	6E1761	P 15.00000	0.005000	MONITORING	100.00	0.005000
06010AB	PAPAYAS-PULP	10 RAW-FRESH OR NFS	6E1761	P 15.00000	0.005000	MONITORING	100.00	0.005000
06010AB	PAPAYAS-PULP	51 COOKED-CANNED	6E1761	P 15.00000	0.005000	MONITORING	100.00	0.005000
06010DA	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	6E1761	P 15.00000	0.005000	MONITORING	100.00	0.005000
06010JA	PAPAYAS-JUICE	10 RAW-FRESH OR NFS	631761	P 15.00000	0.005000	MONITORING	100.00	0.005000
06014AA	PASSION FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	5E1569	P 3.000000	3.000000		100.00	3.000000
06016AA	PLANTAINS	21 COOKED-NFS	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	8F2067	P 0.050000	0.000500	MONITORING	100.00	0.000500
07001FA	COCOA BUTTER	21 COOKED-NFS	2E2744	P 0.050000	0.005000	PROCESSING	100.00	0.005000
07001SA	CHOCOLATE	10 RAW-FRESH OR NFS	2E2744	P 0.050000	0.005000	PROCESSING	100.00	0.005000
07001SA	CHOCOLATE	21 COOKED-NFS	2E2744	P 0.050000	0.005000	PROCESSING	100.00	0.005000
07001SA	CHOCOLATE	22 COOKED-FRESH-BAKED	2E2744	P 0.050000	0.005000	PROCESSING	100.00	0.005000
07002AA	COFFEE	21 COOKED-NFS	2E2744	P 0.200000	0.020000	PROCESSING	100.00	0.020000
08048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	6F4676	N 5.000000	5.000000		100.00	5.000000
10002AA	CANTALOUPES-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	0.019100	MONITORING	100.00	0.019100
10002AB	CANTALOUPES-PULP	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.019100	MONITORING	100.00	0.019100
10002AB	CANTALOUPES-PULP	21 COOKED-NFS	1F1024	P 5.000000	0.019100	MONITORING	100.00	0.019100
10003AA	CASABAS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10004AA	CRENSHAWS	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.003300	MONITORING	100.00	0.003300
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10008AA	WATERMELON	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.022800	MONITORING	100.00	0.022800
10008AA	WATERMELON	21 COOKED-NFS	1F1024	P 5.000000	0.022800	MONITORING	100.00	0.022800
10010AA	CUCUMBERS	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.006200	MONITORING	100.00	0.006200

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
10010AA	CUCUMBERS	11 RAW-FRESH-PICKLED,CORNED,OR CURED	1F1024	P 5.000000	0.006200	MONITORING + PR	100.00	0.006200
10010AA	CUCUMBERS	21 COOKED-NFS	1F1024	P 5.000000	0.006200	MONITORING	100.00	0.006200
10011AA	PUMPKIN	21 COOKED-NFS	1F1024	P 5.000000	0.006500	MONITORING	100.00	0.006500
10011AA	PUMPKIN	22 COOKED-FRESH-BAKED	1F1024	P 5.000000	0.006500	MONITORING	100.00	0.006500
10011AA	PUMPKIN	62 COOKED-FRESH OR FROZEN-BAKED	1F1024	P 5.000000	0.006500	MONITORING	100.00	0.006500
10013AA	SQUASH-SUMMER	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.005800	MONITORING	100.00	0.005800
10013AA	SQUASH-SUMMER	21 COOKED-NFS	1F1024	P 5.000000	0.005800	MONITORING	100.00	0.005800
10014AA	SQUASH-WINTER	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.005800	MONITORING + PR	100.00	0.005800
10014AA	SQUASH-WINTER	21 COOKED-NFS	1F1024	P 5.000000	0.005800	MONITORING + PR	100.00	0.005800
10014AA	SQUASH-WINTER	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	0.005800	MONITORING + PR	100.00	0.005800
10017AA	BITTER MELON	21 COOKED-NFS	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
10020AA	TOWELGOURD	00 NOT SPECIFIED (NO CONSUMPTION)	1F1024	P 5.000000	5.000000	From honeydew	100.00	5.000000
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	10 RAW-FRESH OR NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	21 COOKED-NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	10 RAW-FRESH OR NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	21 COOKED-NFS	6F4676	N 5.000000	5.000000		100.00	5.000000
11004AA	PIMIENTOS	31 COOKED-FRESH OR CANNED	6F4676	N 5.000000	5.000000		100.00	5.000000
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.071600	MONITORING	100.00	0.071600
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	1F1024	P 5.000000	0.071600	MONITORING	100.00	0.071600
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	0.071600	MONITORING	100.00	0.071600
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005JA	TOMATOES-JUICE	21 COOKED-NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005RA	TOMATOES-PUREE	21 COOKED-NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005TA	TOMATOES-PASTE	21 COOKED-NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
11005UA	TOMATOES-CATSUP	21 COOKED-NFS	1F1024	P 5.000000	0.071600C	MONITORING + PR	100.00	0.071600
13002AA	CELERY	10 RAW-FRESH OR NFS	7F0599	P 15.00000	0.087400	MONITORING	100.00	0.087400
13002AA	CELERY	21 COOKED-NFS	7F0599	P 15.00000	0.087400	MONITORING	100.00	0.087400
13005AA	BROCCOLI	21 COOKED-NFS	7F0599	P 5.000000	0.001500	MONITORING	100.00	0.001500
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	7F0599	P 5.000000	0.001500	MONITORING	100.00	0.001500
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	7F0599	P 5.000000	0.001500	MONITORING	100.00	0.001500
13006AA	BRUSSEL SPROUTS	21 COOKED-NFS	7F0599	P 5.000000	0.013500	MONITORING	100.00	0.013500
13006AA	BRUSSEL SPROUTS	23 COOKED-FRESH-BOILED	7F0599	P 5.000000	0.013500	MONITORING	100.00	0.013500

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
13007AA	CABBAGE	10 RAW-FRESH OR NFS	7F0599	P 5.000000	0.013700	MONITORING	100.00	0.013700
13007AA	CABBAGE	11 RAW-FRESH-PICKLED,CORNED,OR CURED	7F0599	P 5.000000	0.013700	MONITORING + PR	100.00	0.013700
13007AA	CABBAGE	21 COOKED-NFS	7F0599	P 5.000000	0.013700	MONITORING + PR	100.00	0.013700
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	7F0599	P 5.000000	0.011500	MONITORING	100.00	0.011500
13008AA	CAULIFLOWER	21 COOKED-NFS	7F0599	P 5.000000	0.011500	MONITORING	100.00	0.011500
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	7F0599	P 5.000000	0.011500	MONITORING	100.00	0.011500
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	7F0599	P 5.000000	0.011500	MONITORING + PR	100.00	0.011500
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)	7F0599	P 15.00000	15.000400	MON (CELERY)	100.00	15.000400
14003AA	CARROTS	10 RAW-FRESH OR NFS	7E1887	P 1.000000	0.003600	MONITORING	100.00	0.003600
14003AA	CARROTS	21 COOKED-NFS	7E1887	P 1.000000	0.003600	MONITORING + PR	100.00	0.003600
14003AA	CARROTS	23 COOKED-FRESH-BOILED	7E1887	P 1.000000	0.003600	MONITORING + PR	100.00	0.003600
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	7E1887	P 1.000000	0.003600	MONITORING + PR	100.00	0.003600
14003AA	CARROTS	51 COOKED-CANNED	7E1887	P 1.000000	0.003600	MONITORING + PR	100.00	0.003600
14007AA	GARLIC	10 RAW-FRESH OR NFS	4E1502	P 0.500000	0.000500	MONITORING	100.00	0.000500
14007AA	GARLIC	21 COOKED-NFS	4E1502	P 0.500000	0.000500	MONITORING	100.00	0.000500
14007AA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED	4E1502	P 0.500000	0.000500	MONITORING	100.00	0.000500
14010AA	LEEKS	31 COOKED-FRESH OR CANNED	4E1502	P 5.000000	0.026200	MONITORING	100.00	0.026200
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS	4E1502	P 0.500000	0.026200	MONITORING	100.00	0.026200
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS	4E1502	P 0.500000	0.026200	MONITORING	100.00	0.026200
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED	4E1502	P 0.500000	0.026200	MONITORING	100.00	0.026200
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED	4E1502	P 0.500000	0.026200	MONITORING	100.00	0.026200
14011DA	ONIONS-DRIED	12 RAW-FRESH-DRIED	4E1502	P 0.500000	0.026200	MONITORING	100.00	0.026200
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AB	POTATO(WH)-UNSPE	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AC	POTATO(WH)-PULP	21 COOKED-NFS	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013AC	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED	9F9743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS	9F9743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013DA	POTATO(WH)-DRY	31 COOKED-FRESH OR CANNED	9F0743	P 0.100000	0.003000	MONITORING	100.00	0.003000
14013HA	POTATO(WH)-PEEL	22 COOKED-FRESH-BAKED	4E1502	P 5.000000	0.003300	MON-BULB ONIONS	100.00	0.003300
14017AA	SHALLOTS	00 NOT SPECIFIED (NO CONSUMPTION)	7E1887	P 1.000000	0.005200	MONITORING	100.00	0.005200
14021AA	PARSNIPS	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS						

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Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

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15001AD	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	1F1024	P 5.000000	0.013300	MONITORING + PR	100.00	0.013300
15005AA	CORN,SWEET	10 RAW-FRESH OR NFS	7F0599	P 1.000000	0.000200	MONITORING	100.00	0.000200
15005AA	CORN,SWEET	21 COOKED-NFS	7F0599	P 1.000000	0.000200	MONITORING	100.00	0.000200
15005AA	CORN,SWEET	31 COOKED-FRESH OR CANNED	7F0599	P 1.000000	0.000200	MONITORING	100.00	0.000200
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	1F1024	P 0.300000	0.004500	MONITORING	100.00	0.004500
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	1F1024	P 0.300000	0.004500	MONITORING	100.00	0.004500
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	1F1024	P 0.300000	0.004500	MONITORING	100.00	0.004500
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	8E2065	P 0.100000	0.008700		100.00	0.008700
15013AA	MUNG BEANS	21 COOKED-NFS	8E2065	P 0.100000	0.008700		100.00	0.008700
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15032AA	BEANS-DRY	21 COOKED-NFS	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	8E2065	P 0.100000	0.008700	MONITORING	100.00	0.008700
16002AA	ASPARAGUS	21 COOKED-NFS	2E04042	N 0.100000	0.100000		100.00	0.100000
16002AA	ASPARAGUS	23 COOKED-FRESH-BOILED	2E04042	A 0.100000	0.100000		100.00	0.100000
16003AA	MUSHROOMS	10 RAW-FRESH OR NFS	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	21 COOKED-NFS	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	31 COOKED-FRESH OR CANNED	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16003AA	MUSHROOMS	53 COOKED-CANNED-BOILED	6E3410	P 1.000000	1.000000	FIELD TRIALS	100.00	1.000000
16004AA	ONIONS-GREEN	10 RAW-FRESH OR NFS	4E1502	P 5.000000	0.026200	MONITORING	100.00	0.026200
16004AA	ONIONS-GREEN	21 COOKED-NFS	4E1502	P 5.000000	0.026200	MONITORING	100.00	0.026200
16004AA	ONIONS-GREEN	25 COOKED-FRESH-FRIED	4E1502	P 5.000000	0.026200	MONITORING	100.00	0.026200
270070A	PEANUTS-OIL	18 PROCESSED OIL	1F1024	P 0.002250	0.002250	MONITORING + PR	100.00	0.002250
270100A	SOYBEANS-OIL	18 PROCESSED OIL	6F1799	P 0.200000	0.000050	MONITORING + PR	100.00	0.000050
28023AA	SOYBEANS-UNSPEC	21 COOKED-NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023AB	SOYBEANS-DRY	10 RAW-FRESH OR NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023AB	SOYBEANS-DRY	21 COOKED-NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023AB	SOYBEANS-DRY	23 COOKED-FRESH-BOILED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WA	SOY-FL, FULL FAT	21 COOKED-NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050

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Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
28023WA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WB	SOY-FL, LOW FAT	21 COOKED-NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WC	SOY-FL,DEFAT	10 RAW-FRESH OR NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WC	SOY-FL,DEFAT	21 COOKED-NFS	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WC	SOY-FL,DEFAT	22 COOKED-FRESH-BAKED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WC	SOY-FL,DEFAT	51 COOKED-CANNED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28023WC	SOY-FL,DEFAT	53 COOKED-CANNED-BOILED	6F1799	P 0.200000	0.000050	MONITORING	100.00	0.000050
28080AA	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28080OA	PEPPERMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28081AA	SPEARMINT	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
28081OA	SPEARMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	1E2473	P 2.000000	2.000000		100.00	2.000000
50000DB	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.003400		100.00	0.003400
50000DB	MILK-NON-FAT SOL	21 COOKED-NFS	6F4611	A 0.100000	0.003400		100.00	0.003400
50000DB	MILK-NON-FAT SOL	51 COOKED-CANNED	6F4611	A 0.100000	0.004300		100.00	0.004300
50000FA	MILK-FAT SOLIDS	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.003400		100.00	0.003400
50000FA	MILK-FAT SOLIDS	21 COOKED-NFS	6F4611	A 0.100000	0.003400		100.00	0.003400
50000FA	MILK-FAT SOLIDS	51 COOKED-CANNED	6F4611	A 0.100000	0.003400		100.00	0.003400
50000SA	MILK SUG (LACT)	21 COOKED-NFS	6F4611	A 0.100000	0.003400		100.00	0.003400
50000SA	MILK SUG (LACT)	51 COOKED-CANNED	6F4611	A 0.100000	0.003400		100.00	0.003400
53001BA	BEEF-MEAT BYP	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53001BA	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.100000	0.016000		100.00	0.016000
53001BB	BEEF-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53001BB	BEEF-OTH ORGAN	51 COOKED-CANNED	6F4611	A 0.100000	0.016000		100.00	0.016000
53001DA	BEEF-DRIED	21 COOKED-NFS	6F4611	A 0.100000	0.024800		100.00	0.024800
53001FA	BEEF-FAT	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.330000		100.00	0.330000
53001FA	BEEF-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.330000		100.00	0.330000
53001FA	BEEF-FAT	22 COOKED-FRESH-BAKED	6F4611	A 0.100000	0.330000		100.00	0.330000
53001FA	BEEF-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.330000		100.00	0.330000
53001FA	BEEF-FAT	24 COOKED-FRESH-BROILED	6F4611	A 0.100000	0.330000		100.00	0.330000
53001FA	BEEF-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.330000		100.00	0.330000
53001KA	BEEF-KIDNEY	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53001LA	BEEF-LIVER	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.016000		100.00	0.016000
53001LA	BEEF-LIVER	31 COOKED-FRESH OR CANNED	6F4611	A 0.100000	0.016000		100.00	0.016000
53001MA	BEEF-LEAN	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.024800		100.00	0.024800
53001MA	BEEF-LEAN	21 COOKED-NFS	6F4611	A 0.100000	0.024800		100.00	0.024800
53001MA	BEEF-LEAN	22 COOKED-FRESH-BAKED	6F4611	A 0.100000	0.024800		100.00	0.024800
53001MA	BEEF-LEAN	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.024800		100.00	0.024800
53001MA	BEEF-LEAN	24 COOKED-FRESH-BROILED	6F4611	A 0.100000	0.024800		100.00	0.024800
53002BA	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.016000		100.00	0.016000
53002BB	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.016000		100.00	0.016000

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
53002FA	GOAT-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.330000		100.00	0.330000
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.330000		100.00	0.330000
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.016000		100.00	0.016000
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.016000		100.00	0.016000
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.024800		100.00	0.024800
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.024800		100.00	0.024800
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.330000		100.00	0.330000
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53005FA	SHEEP-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.330000		100.00	0.330000
53005KA	SHEEP-KIDNEY	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53005LA	SHEEP-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	6F4611	A 0.100000	0.016000		100.00	0.016000
53005MA	SHEEP-LEAN	21 COOKED-NFS	6F4611	A 0.100000	0.024800		100.00	0.024800
53005MA	SHEEP-LEAN	31 COOKED-FRESH OR CANNED	6F4611	A 0.100000	0.024800		100.00	0.024800
53006BA	PORK-MEAT BYP	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.100000	0.016000		100.00	0.016000
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	6F4611	A 0.100000	0.330000		100.00	0.330000
53006FA	PORK-FAT	21 COOKED-NFS	6F4611	A 0.100000	0.330000		100.00	0.330000
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	6F4611	A 0.100000	0.330000		100.00	0.330000
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.330000		100.00	0.330000
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.100000	0.330000		100.00	0.330000
53006KA	PORK-KIDNEY	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53006LA	PORK-LIVER	21 COOKED-NFS	6F4611	A 0.100000	0.016000		100.00	0.016000
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.016000		100.00	0.016000
53006MA	PORK-LEAN	21 COOKED-NFS	6F4611	A 0.100000	0.024800		100.00	0.024800
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	6F4611	A 0.100000	0.024800		100.00	0.024800
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED	6F4611	A 0.100000	0.024800		100.00	0.024800
55008BA	TURKEY-BYP	21 COOKED-NFS		A 0.100000	0.001460		100.00	0.001460
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED,CORNED,OR CURED		A 0.100000	0.001460		100.00	0.001460
55008LA	TURKEY ORGAN	21 COOKED-NFS		A 0.100000	0.001460		100.00	0.001460
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED		A 0.100000	0.001460		100.00	0.001460
55008MA	TURKEY W/O SKIN	21 COOKED-NFS		A 0.100000	0.000074		100.00	0.000074
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED		A 0.100000	0.000074		100.00	0.000074
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED		A 0.100000	0.007400		100.00	0.007400
55008MB	TURKEY+SKIN	21 COOKED-NFS		A 0.100000	0.000440		100.00	0.000440
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED		A 0.100000	0.000440		100.00	0.000440
55008MC	TURKEY-UNSPEC	21 COOKED-NFS		A 0.100000	0.001460		100.00	0.001460
55013BA	POULTRY,OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)		A 0.100000	0.001460		100.00	0.001460
55013LA	POULTRY,ORGAN	25 COOKED-FRESH-FRIED		A 0.100000	0.001460		100.00	0.001460

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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)
55013MA	POULTRY,OTHER	21 COOKED-NFS		A 0.100000	0.001460		100.00	0.001460
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS		A 0.100000	0.000540		100.00	0.000540
55014AA	EGGS-WHOLE	21 COOKED-NFS		A 0.100000	0.000540		100.00	0.000540
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED		A 0.100000	0.005400		100.00	0.005400
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED		A 0.100000	0.005400		100.00	0.005400
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED		A 0.100000	0.005400		100.00	0.005400
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS		A 0.100000	0.000001		100.00	0.000001
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS		A 0.100000	0.000001		100.00	0.000001
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED		A 0.100000	0.000001		100.00	0.000001
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED		A 0.100000	0.000001		100.00	0.000001
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN		A 0.100000	0.100000		100.00	0.100000
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS		A 0.100000	0.000146		100.00	0.000146
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS		A 0.100000	0.000146		100.00	0.000146
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED		A 0.100000	0.000146		100.00	0.000146
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED		A 0.100000	0.000146		100.00	0.000146
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)		A 0.100000	0.000146		100.00	0.000146
55015LA	CHICKEN-ORGAN	21 COOKED-NFS		A 0.100000	0.000146		100.00	0.000146
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED		A 0.100000	0.000146		100.00	0.000146
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED,CORNED,OR CURED		A 0.100000	0.100000		100.00	0.100000
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS		A 0.100000	0.000074		100.00	0.000074
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED		A 0.100000	0.000074		100.00	0.000074
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED		A 0.100000	0.000074		100.00	0.000074
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED		A 0.100000	0.000074		100.00	0.000074
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED		A 0.100000	0.000074		100.00	0.000074
55015MB	CHICKEN+SKIN	21 COOKED-NFS		A 0.100000	0.000440		100.00	0.000440
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED		A 0.100000	0.000440		100.00	0.000440

TABLE 5

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS DATE: 09/22/97 PAGE: 1

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY) CURRENT TMRC*	NEW TMRC**	NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES ARC	%RFD
U.S. POPULATION - 48 STATES	0.012704	0.013977	69.885595	6.365385	0.000471	2.35591
U.S. POPULATION - SPRING SEASON	0.012392	0.013590	67.949020	5.989800	0.000419	2.09618
U.S. POPULATION - SUMMER SEASON	0.014419	0.015673	78.363910	6.271255	0.000459	2.29391
U.S. POPULATION - FALL SEASON	0.012093	0.013418	67.090685	6.626565	0.000436	2.17832
U.S. POPULATION - WINTER SEASON	0.011770	0.013085	65.426060	6.575195	0.000423	2.11375
NORTHEAST REGION	0.012872	0.014187	70.936630	6.575930	0.000433	2.16365
NORTH CENTRAL REGION	0.012763	0.014072	70.360500	6.546095	0.000429	2.14591
SOUTHERN REGION	0.011724	0.012858	64.289510	5.671220	0.000386	1.92812
WESTERN REGION	0.013887	0.015292	76.458030	7.022025	0.000527	2.63641
HISPANICS	0.012694	0.014320	71.599985	8.131010	0.000538	2.68758
NON-HISPANIC WHITES	0.013041	0.014302	71.508965	6.305900	0.000435	2.17645
NON-HISPANIC BLACKS	0.010061	0.011226	56.127640	5.823375	0.000372	1.85897
NON-HISPANIC OTHERS	0.014255	0.015691	78.456780	7.180605	0.000483	2.41341
NURSING INFANTS (< 1 YEAR OLD)	0.006373	0.007901	39.503730	7.637940	0.000183	0.91512
NON-NURSING INFANTS (< 1 YEAR OLD)	0.015758	0.022542	112.709500	33.917300	0.000567	2.83710
FEMALES (13+ YEARS, PREGNANT)	0.010326	0.011226	56.131590	4.503495	0.000306	1.52857
FEMALES 13+ YEARS, NURSING	0.012049	0.013209	66.047430	5.802490	0.000333	1.66651
CHILDREN (1-6 YEARS OLD)	0.022501	0.026033	130.166795	17.659435	0.000804	4.02187
CHILDREN (7-12 YEARS OLD)	0.018059	0.020237	101.182795	10.889555	0.000614	3.07091
MALES (13-19 YEARS OLD)	0.012360	0.013751	68.755465	6.954905	0.000443	2.21305
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.011161	0.012227	61.133315	5.328685	0.000371	1.85435
MALES (20 YEARS AND OLDER)	0.010281	0.011036	55.180155	3.775455	0.000381	1.90690
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.010670	0.011335	56.676005	3.324505	0.000338	1.68795

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

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TABLE 6

TOLERANCE ASSESSMENT SUMMARY FOR Chlorothalonil DATE: 09/22/97
USING ANTICIPATED RESIDUES
CASWELL #215B

ANALYSIS FOR POPULATION SUB-GROUP: U.S. POPULATION - 48 STATES

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.000134	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	0.671	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000066	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.329	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.000200	MG/KG/DAY
THE NEW ARC WILL OCCUPY	1.000	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.000271	MG/KG/DAY
THIS ARC WILL OCCUPY	1.356	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.000471	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	2.356	% OF THE ADI.

ANALYSIS FOR POPULATION SUB-GROUP: CHILDREN (1-6 YEARS OLD)

EXISTING ANTICIPATED RESIDUES (PUBLISHED ONLY)		
RESULT IN AN ARC OF:	0.000216	MG/KG/DAY
THE EXISTING ARC IS EQUIVALENT TO:	1.082	% OF THE ADI.
PROPOSED NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
RESULT IN AN ARC OF:	0.000044	MG/KG/DAY
THESE NEW ANTICIPATED RESIDUES WILL OCCUPY:	0.218	% OF THE ADI.
IF THE NEW ANTICIPATED RESIDUES (CURRENT PETITION ONLY)		
ARE APPROVED THE RESULTANT ARC WILL BE:	0.000260	MG/KG/DAY
THE NEW ARC WILL OCCUPY	1.301	% OF THE ADI.
OTHER PENDING ANTICIPATED RESIDUES EXCLUDING THE		
CURRENT NEW PETITION HAVE AN ARC OF:	0.000544	MG/KG/DAY
THIS ARC WILL OCCUPY	2.721	% OF THE ADI.
IF ALL PENDING ANTICIPATED RESIDUES (INCLUDING THE		
CURRENT NEW PETITION) ARE GRANTED		
THE RESULTANT ARC WILL BE:	0.000804	MG/KG/DAY
THE TOTAL ARC WILL OCCUPY	4.022	% OF THE ADI.

TABLE 8

HCB

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 09/22/97

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
~~Chlorothalonil~~ Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 1.63 Q*: ~~0.00766~~	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
03011AA	PISTACHIO NUTS	0.200	N	0.000000	0.000	0.00000000000				
	10 RAW-FRESH OR NFS						0.20000	0.000051	0.000	0.00000005202
06002AA	BANANAS-UNSPECIFIED	0.050	P	0.000165	0.001	0.00000016830				
	22 COOKED-FRESH-BAKED						0.00050	0.000002	0.000	0.00000000204
06002AB	BANANAS-FRESH	0.050	P	0.011202	0.056	0.00001142604				
	10 RAW-FRESH OR NFS						0.00050	0.000099	0.000	0.00000010098
	21 COOKED-NFS						0.00050	0.000003	0.000	0.00000000306
	31 COOKED-FRESH OR CANNED						0.00050	0.000010	0.000	0.00000001020
06002DA	BANANAS-DRIED	0.050	P	0.000088	0.000	0.00000008976				
	10 RAW-FRESH OR NFS						0.00050	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00050	0.000001	0.000	0.00000000102
06007AA	MANGOES	1.000	N	0.000000	0.000	0.00000000000				
	10 RAW-FRESH OR NFS						1.00000	0.000450	0.002	0.00000045900
	21 COOKED-NFS						1.00000	0.000104	0.001	0.00000010608
06010AA	PAPAYAS-UNSPECIFIED	15.000	P	0.000015	0.000	0.00000001530				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00500	0.000000	0.000	0.00000000000
06010AB	PAPAYAS-PULP	15.000	P	0.020084	0.100	0.00002048568				
	10 RAW-FRESH OR NFS						0.00500	0.000006	0.000	0.00000000612
	51 COOKED-CANNED						0.00500	0.000000	0.000	0.00000000000
06010DA	PAPAYAS-DRIED	15.000	P	0.025915	0.130	0.00002643330				
	10 RAW-FRESH OR NFS						0.00500	0.000009	0.000	0.00000000918
06010JA	PAPAYAS-JUICE	15.000	P	0.068706	0.344	0.00007008012				
	10 RAW-FRESH OR NFS						0.00500	0.000023	0.000	0.00000002346
06014AA	PASSION FRUIT (GRANADILLA)	3.000	P	0.000003	0.000	0.00000000306				
	00 NOT SPECIFIED (NO CONSUMPTION)						3.00000	0.000003	0.000	0.00000000306
06016AA	PLANTAINS	0.050	P	0.000082	0.000	0.00000008364				
	21 COOKED-NFS						0.00050	0.000000	0.000	0.00000000000
	23 COOKED-FRESH-BOILED						0.00050	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00050	0.000000	0.000	0.00000000000
07001FA	COCOA BUTTER	0.050	P	0.000268	0.001	0.00000027336				
	21 COOKED-NFS						0.00500	0.000027	0.000	0.00000002754
07001SA	CHOCOLATE	0.050	P	0.001802	0.009	0.00000183804				
	10 RAW-FRESH OR NFS						0.00500	0.000036	0.000	0.00000003672
	21 COOKED-NFS						0.00500	0.000063	0.000	0.00000006426
	22 COOKED-FRESH-BAKED						0.00500	0.000081	0.000	0.00000008262
07002AA	COFFEE	0.200	P	0.009263	0.046	0.00000944826				
	21 COOKED-NFS						0.02000	0.000926	0.005	0.00000094452
13016AA	FENNEL	15.000	P	0.003315	0.017	0.00000338130				
	00 NOT SPECIFIED (NO CONSUMPTION)						15.00040	0.003315	0.017	0.00000338130
16002AA	ASPARAGUS	0.100	N	0.001311	0.007	0.00000133722				
	21 COOKED-NFS						0.10000	0.001168	0.006	0.00000119136

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	23 COOKED-FRESH-BOILED						0.10000	0.000143	0.001	0.00000014586
16003AA	MUSHROOMS	1.000	P	0.021388	0.107	0.00002181576				
	10 RAW-FRESH OR NFS						1.00000	0.000859	0.004	0.00000087618
	21 COOKED-NFS						1.00000	0.015233	0.076	0.00001553766
	31 COOKED-FRESH OR CANNED						1.00000	0.003796	0.019	0.00000387192
	53 COOKED-CANNED-BOILED						1.00000	0.001499	0.007	0.00000152898
	CROP GROUP TOTALS FOR UNSPECIFIED:			0.163607	0.818	0.00016687914		0.027907	0.140	0.00002846514
14003AA	CARROTS	1.000	P	0.173479	0.867	0.00017694858				
	10 RAW-FRESH OR NFS						0.00360	0.000144	0.001	0.00000014688
	21 COOKED-NFS						0.00360	0.000183	0.001	0.00000018666
	23 COOKED-FRESH-BOILED						0.00360	0.000033	0.000	0.00000003366
	31 COOKED-FRESH OR CANNED						0.00360	0.000119	0.001	0.00000012138
	51 COOKED-CANNED						0.00360	0.000145	0.001	0.00000014790
14013AA	POTATOES(WHITE)-WHOLE	0.100	P	0.034006	0.170	0.00003468612				
	10 RAW-FRESH OR NFS						0.00300	0.000137	0.001	0.00000013974
	21 COOKED-NFS						0.00300	0.000450	0.002	0.00000045900
	22 COOKED-FRESH-BAKED						0.00300	0.000434	0.002	0.00000044268
14013AB	POTATOES(WHITE)-UNSPECIFIED	0.100	P	0.000008	0.000	0.00000000816				
	22 COOKED-FRESH-BAKED						0.00300	0.000000	0.000	0.00000000000
14013AC	POTATOES(WHITE)-PEELED	0.100	P	0.078426	0.392	0.00007999452				
	21 COOKED-NFS						0.00300	0.000216	0.001	0.00000022032
	22 COOKED-FRESH-BAKED						0.00300	0.000128	0.001	0.00000013056
	23 COOKED-FRESH-BOILED						0.00300	0.001300	0.007	0.00000132600
	25 COOKED-FRESH-FRIED						0.00300	0.000708	0.004	0.00000072216
14013DA	POTATOES(WHITE)-DRY	0.100	P	0.000845	0.004	0.00000086190				
	10 RAW-FRESH OR NFS						0.00300	0.000011	0.000	0.00000001122
	31 COOKED-FRESH OR CANNED						0.00300	0.000014	0.000	0.00000001428
14013HA	POTATOES(WHITE)-PEEL ONLY	0.100	P	0.000002	0.000	0.00000000204				
	22 COOKED-FRESH-BAKED						0.00300	0.000000	0.000	0.00000000000
14021AA	PARSNIPS	1.000	P	0.000697	0.003	0.00000071094				
	21 COOKED-NFS						0.00520	0.000004	0.000	0.00000000408
	CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:			0.287463	1.437	0.00029321226		0.004026	0.020	0.00000410652

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
14007AA	GARLIC	0.500	P	0.000381	0.002	0.00000038862				
	10 RAW-FRESH OR NFS						0.00050	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00050	0.000000	0.000	0.00000000000
	32 COOKED-FRESH OR CANNED-BAKED						0.00050	0.000000	0.000	0.00000000000
14010AA	LEEKS	5.000	P	0.000194	0.001	0.00000019788				
	31 COOKED-FRESH OR CANNED						0.02620	0.000001	0.000	0.00000000102
14011AA	ONIONS-DRY-BULB (CIPOLLINI)	0.500	P	0.053031	0.265	0.00005409162				
	10 RAW-FRESH OR NFS						0.02620	0.000486	0.002	0.00000049572
	21 COOKED-NFS						0.02620	0.001855	0.009	0.00000189210
	22 COOKED-FRESH-BAKED						0.02620	0.000270	0.001	0.00000027540
	31 COOKED-FRESH OR CANNED						0.02620	0.000168	0.001	0.00000017136
14011DA	ONIONS-DEHYDRATED OR DRIED	0.500	P	0.000536	0.003	0.00000054672				
	12 RAW-FRESH-DRIED						0.02620	0.000028	0.000	0.00000002856
14017AA	SHALLOTS	5.000	P	0.000153	0.001	0.00000015606				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00330	0.000001	0.000	0.00000000102
16004AA	ONIONS-GREEN	5.000	P	0.009778	0.049	0.00000997356				
	10 RAW-FRESH OR NFS						0.02620	0.000045	0.000	0.00000004590
	21 COOKED-NFS						0.02620	0.000003	0.000	0.00000000306
	25 COOKED-FRESH-FRIED						0.02620	0.000003	0.000	0.00000000306
	CROP GROUP TOTALS FOR BULB VEGETABLES:			0.064073	0.320	0.00006535446		0.002860	0.014	0.00000291720
13002AA	CELERY	15.000	P	0.914416	4.572	0.00093270432				
	10 RAW-FRESH OR NFS						0.08740	0.004178	0.021	0.00000426156
	21 COOKED-NFS						0.08740	0.001150	0.006	0.00000117300
	CROP GROUP TOTALS FOR LEAFY VEGETABLES (EXCL. BRASSICAE):			0.914416	4.572	0.00093270432		0.005328	0.027	0.00000543456
13005AA	BROCCOLI	5.000	P	0.245647	1.228	0.00025055994				
	21 COOKED-NFS						0.00150	0.000005	0.000	0.00000000510
	31 COOKED-FRESH OR CANNED						0.00150	0.000061	0.000	0.00000006222
	63 COOKED-FRESH OR FROZEN-BOILED						0.00150	0.000008	0.000	0.00000000816
13006AA	BRUSSEL SPROUTS	5.000	P	0.034240	0.171	0.00003492480				
	21 COOKED-NFS						0.01350	0.000015	0.000	0.00000001530
	23 COOKED-FRESH-BOILED						0.01350	0.000077	0.000	0.00000007854
13007AA	CABBAGE-GREEN AND RED	5.000	P	0.468201	2.341	0.00047756502				
	10 RAW-FRESH OR NFS						0.01370	0.000526	0.003	0.00000053652
	11 RAW-FRESH-PICKLED,CORNED,OR CURED						0.01370	0.000163	0.001	0.00000016626
	21 COOKED-NFS						0.01370	0.000594	0.003	0.00000060588
13008AA	CAULIFLOWER	5.000	P	0.079184	0.396	0.00008076768				
	10 RAW-FRESH OR NFS						0.01150	0.000011	0.000	0.00000001122

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
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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
	21 COOKED-NFS						0.01150	0.000171	0.001	0.00000017442
13010AA	CABBAGE-CHINESE/CELERY, INC. BOK CHOY	5.000	P	0.022816	0.114	0.00002327232				
	10 RAW-FRESH OR NFS						0.01150	0.000003	0.000	0.00000000306
	21 COOKED-NFS						0.01150	0.000050	0.000	0.00000005100
	CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:			0.850088	4.250	0.00086708976		0.001684	0.008	0.00000171768
15001AA	BEANS-DRY-GREAT NORTHERN	0.100	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00870	0.000000	0.000	0.00000000000
15001AB	BEANS-DRY-KIDNEY	0.100	P	0.001363	0.007	0.00000139026				
	21 COOKED-NFS						0.00870	0.000103	0.001	0.00000010506
	31 COOKED-FRESH OR CANNED						0.00870	0.000016	0.000	0.00000001632
15001AC	BEANS-DRY-LIMA	0.100	P	0.000799	0.004	0.00000081498				
	21 COOKED-NFS						0.00870	0.000070	0.000	0.00000007140
15001AD	BEANS-DRY-NAVY (PEA)	0.100	P	0.003741	0.019	0.00000381582				
	21 COOKED-NFS						0.00870	0.000077	0.000	0.00000007854
	31 COOKED-FRESH OR CANNED						0.00870	0.000248	0.001	0.00000025296
15001AE	BEANS-DRY-OTHER	0.100	P	0.003983	0.020	0.00000406266				
	21 COOKED-NFS						0.00870	0.000152	0.001	0.00000015504
	25 COOKED-FRESH-FRIED						0.00870	0.000056	0.000	0.00000005712
	31 COOKED-FRESH OR CANNED						0.00870	0.000139	0.001	0.00000014178
15001AF	BEANS-DRY-PINTO	0.100	P	0.003635	0.018	0.00000370770				
	21 COOKED-NFS						0.00870	0.000316	0.002	0.00000032232
15003AA	BEANS-SUCCULENT-GREEN	5.000	P	1.000250	5.001	0.00102025500				
	21 COOKED-NFS						0.01330	0.002661	0.013	0.00000271422
15006AA	PEANUTS-WHOLE	0.300	P	0.020873	0.104	0.00002129046				
	10 RAW-FRESH OR NFS						0.00450	0.000005	0.000	0.00000000510
	21 COOKED-NFS						0.00450	0.000289	0.001	0.00000029478
	22 COOKED-FRESH-BAKED						0.00450	0.000019	0.000	0.00000001938
15013AA	MUNG BEANS (SPROUTS)	0.100	P	0.000665	0.003	0.00000067830				
	10 RAW-FRESH OR NFS						0.00870	0.000007	0.000	0.00000000714
	21 COOKED-NFS						0.00870	0.000051	0.000	0.00000005202
15022AA	BEANS-DRY-BROADBEANS(MATURE SEED)	0.100	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00870	0.000000	0.000	0.00000000000
15023AA	BEANS-DRY-PIGEON BEANS	0.100	P	0.000004	0.000	0.00000000408				
	21 COOKED-NFS						0.00870	0.000000	0.000	0.00000000000
15029AA	SOYBEANS-SPROUTED SEEDS	0.200	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00005	0.000000	0.000	0.00000000000
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS)	0.100	P	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00870	0.000000	0.000	0.00000000000
15031AA	BEANS-DRY-BLACKEYE PEAS(COWPEAS)	0.100	P	0.000247	0.001	0.00000025194				
	21 COOKED-NFS						0.00870	0.000022	0.000	0.00000002244

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
15032AA	BEANS-DRY-GARBANZO(CHICK PEA)	0.100	P	0.000053	0.000	0.00000005406				
	21 COOKED-NFS						0.00870	0.000003	0.000	0.00000000306
	31 COOKED-FRESH OR CANNED						0.00870	0.000001	0.000	0.00000000102
27007OA	PEANUTS-OIL	0.002	P	0.001568	0.008	0.00000159936				
	18 PROCESSED OIL						0.00225	0.000012	0.000	0.00000001224
27010OA	SOYBEANS-OIL	0.200	P	0.064431	0.322	0.00006571962				
	18 PROCESSED OIL						0.00005	0.000016	0.000	0.00000001632
28023AA	SOYBEANS-UNSPECIFIED	0.200	P	0.000104	0.001	0.00000010608				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
28023AB	SOYBEANS-MATURE,SEEDS DRY	0.200	P	0.000180	0.001	0.00000018360				
	10 RAW-FRESH OR NFS						0.00005	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
	23 COOKED-FRESH-BOILED						0.00005	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00005	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00005	0.000000	0.000	0.00000000000
28023WA	SOYBEANS-FLOUR, FULL FAT	0.200	P	0.000584	0.003	0.00000059568				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00005	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00005	0.000000	0.000	0.00000000000
28023WB	SOYBEANS-FLOUR, LOW FAT	0.200	P	0.000190	0.001	0.00000019380				
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
28023WC	SOYBEANS-FLOUR,DEFATTED	0.200	P	0.002492	0.012	0.00000254184				
	10 RAW-FRESH OR NFS						0.00005	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00005	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00005	0.000000	0.000	0.00000000000
	51 COOKED-CANNED						0.00005	0.000000	0.000	0.00000000000
	53 COOKED-CANNED-BOILED						0.00005	0.000000	0.000	0.00000000000
	CROP GROUP TOTALS FOR LEGUME VEGETABLES:			1.105162	5.526	0.00112726524		0.004263	0.021	0.00000434826
11003AB	CHILI PEPPERS	5.000	N	0.020545	0.103	0.00002095590				
	00 NOT SPECIFIED (NO CONSUMPTION)						5.00000	0.020545	0.103	0.00002095590
11003AD	PEPPERS-OTHER	5.000	N	0.021797	0.109	0.00002223294				
	10 RAW-FRESH OR NFS						5.00000	0.002949	0.015	0.00000300798
	21 COOKED-NFS						5.00000	0.017304	0.087	0.00001765008
	51 COOKED-CANNED						5.00000	0.001544	0.008	0.00000157488
11004AA	PIMIENTOS	5.000	N	0.009742	0.049	0.00000993684				
	10 RAW-FRESH OR NFS						5.00000	0.002666	0.013	0.00000271932
	21 COOKED-NFS						5.00000	0.003793	0.019	0.00000386886
	31 COOKED-FRESH OR CANNED						5.00000	0.003283	0.016	0.00000334866
11005AA	TOMATOES-WHOLE	5.000	P	2.460082	12.300	0.00250928364				
	10 RAW-FRESH OR NFS						0.07160	0.017984	0.090	0.00001834368

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
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COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	21 COOKED-NFS						0.07160	0.013864	0.069	0.00001414128
	31 COOKED-FRESH OR CANNED						0.07160	0.003380	0.017	0.00000344760
11005JA	TOMATOES-JUICE	5.000	P	0.413513	2.068	0.00042178326				
	10 RAW-FRESH OR NFS						0.07160	0.000144	0.001	0.00000014688
	21 COOKED-NFS						0.07160	0.003804	0.019	0.00000388008
11005RA	TOMATOES-PUREE	5.000	P	2.808813	14.044	0.00286498926				
	10 RAW-FRESH OR NFS						0.07160	0.000004	0.000	0.00000000408
	21 COOKED-NFS						0.07160	0.006857	0.034	0.00000699414
	31 COOKED-FRESH OR CANNED						0.07160	0.001177	0.006	0.00000120054
	32 COOKED-FRESH OR CANNED-BAKED						0.07160	0.001587	0.008	0.00000161874
	51 COOKED-CANNED						0.07160	0.002563	0.013	0.00000261426
11005TA	TOMATOES-PASTE	5.000	P	1.065871	5.329	0.00108718842				
	21 COOKED-NFS						0.07160	0.001993	0.010	0.00000203286
	22 COOKED-FRESH-BAKED						0.07160	0.000381	0.002	0.00000038862
	31 COOKED-FRESH OR CANNED						0.07160	0.000452	0.002	0.00000046104
11005UA	TOMATOES-CATSUP	5.000	P	0.525400	2.627	0.00053590800				
	21 COOKED-NFS						0.07160	0.003009	0.015	0.00000306918
	CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITS):			7.325763	36.629	0.00747227826		0.109283	0.546	0.00011146866
10002AA	CANTALOUPES-UNSPECIFIED	5.000	P	0.000005	0.000	0.00000000510				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01910	0.000000	0.000	0.00000000000
10002AB	CANTALOUPES-PULP	5.000	P	0.222110	1.111	0.00022655220				
	10 RAW-FRESH OR NFS						0.01910	0.000844	0.004	0.00000086088
	21 COOKED-NFS						0.01910	0.000004	0.000	0.00000000408
10003AA	CASABAS	5.000	P	0.003852	0.019	0.00000392904				
	10 RAW-FRESH OR NFS						5.00000	0.003851	0.019	0.00000392802
10004AA	CRENSHAWS	5.000	P	0.000005	0.000	0.00000000510				
	00 NOT SPECIFIED (NO CONSUMPTION)						5.00000	0.000005	0.000	0.00000000510
10005AA	HONEYDEW MELONS	5.000	P	0.091814	0.459	0.00009365028				
	10 RAW-FRESH OR NFS						0.00330	0.000061	0.000	0.00000006222
10007AA	PERSION MELONS	5.000	P	0.000005	0.000	0.00000000510				
	00 NOT SPECIFIED (NO CONSUMPTION)						5.00000	0.000005	0.000	0.00000000510
10008AA	WATERMELON	5.000	P	0.382527	1.913	0.00039017754				
	10 RAW-FRESH OR NFS						0.02280	0.001742	0.009	0.00000177684
	21 COOKED-NFS						0.02280	0.000002	0.000	0.00000000204
10010AA	CUCUMBERS	5.000	P	0.360410	1.802	0.00036761820				
	10 RAW-FRESH OR NFS						0.00620	0.000239	0.001	0.00000024378
	11 RAW-FRESH-PICKLED,CORNED,OR CURED						0.00620	0.000194	0.001	0.00000019788
	21 COOKED-NFS						0.00620	0.000014	0.000	0.00000001428
10011AA	PUMPKIN	5.000	P	0.022091	0.110	0.00002253282				
	21 COOKED-NFS						0.00650	0.000002	0.000	0.00000000204

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97. EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
	22 COOKED-FRESH-BAKED						0.00650	0.000004	0.000	0.00000000408
	62 COOKED-FRESH OR FROZEN-BAKED						0.00650	0.000023	0.000	0.00000002346
10013AA	SQUASH-SUMMER	5.000	P	0.158240	0.791	0.00016140480				
	10 RAW-FRESH OR NFS						0.00580	0.000008	0.000	0.00000000816
	21 COOKED-NFS						0.00580	0.000176	0.001	0.00000017952
10014AA	SQUASH-WINTER	5.000	P	0.162208	0.811	0.00016545216				
	10 RAW-FRESH OR NFS						0.00580	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00580	0.000164	0.001	0.00000016728
	31 COOKED-FRESH OR CANNED						0.00580	0.000024	0.000	0.00000002448
10017AA	BITTER MELON	5.000	P	0.000116	0.001	0.00000011832				
	21 COOKED-NFS						5.00000	0.000116	0.001	0.00000011832
10020AA	TOWELGOURD	5.000	P	0.000005	0.000	0.00000000510				
	00 NOT SPECIFIED (NO CONSUMPTION)						5.00000	0.000005	0.000	0.00000000510
	CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):			1.403388	7.017	0.00143145576		0.007483	0.037	0.00000763266
05001AA	APRICOTS-FRESH	0.500	P	0.016845	0.084	0.00001718190				
	10 RAW-FRESH OR NFS						0.00780	0.000045	0.000	0.00000004590
	21 COOKED-NFS						0.00780	0.000061	0.000	0.00000006222
	31 COOKED-FRESH OR CANNED						0.00780	0.000158	0.001	0.00000016116
05001DA	APRICOTS-DRIED	0.500	P	0.001212	0.006	0.00000123624				
	10 RAW-FRESH OR NFS						0.00780	0.000016	0.000	0.00000001632
	22 COOKED-FRESH-BAKED						0.00780	0.000003	0.000	0.00000000306
05002AA	CHERRIES-FRESH	0.500	P	0.016088	0.080	0.00001640976				
	10 RAW-FRESH OR NFS						0.00200	0.000015	0.000	0.00000001530
	21 COOKED-NFS						0.00200	0.000009	0.000	0.00000000918
	31 COOKED-FRESH OR CANNED						0.00200	0.000025	0.000	0.00000002550
	62 COOKED-FRESH OR FROZEN-BAKED						0.00200	0.000016	0.000	0.00000001632
05002DA	CHERRIES-DRIED	0.500	P	0.000002	0.000	0.00000000204				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00200	0.000000	0.000	0.00000000000
05002JA	CHERRIES-JUICE	0.500	P	0.002556	0.013	0.00000260712				
	15 RAW-FRESH OR CANNED						0.00200	0.000006	0.000	0.00000000612
	21 COOKED-NFS						0.00200	0.000001	0.000	0.00000000102
05003AA	NECTARINES	0.500	P	0.006483	0.032	0.00000661266				
	10 RAW-FRESH OR NFS						0.00175	0.000023	0.000	0.00000002346
05004AA	PEACHES-FRESH	0.500	P	0.107696	0.538	0.00010984992				
	10 RAW-FRESH OR NFS						0.00180	0.000181	0.001	0.00000018462
	21 COOKED-NFS						0.00180	0.000018	0.000	0.00000001836
	31 COOKED-FRESH OR CANNED						0.00180	0.000144	0.001	0.00000014688
	51 COOKED-CANNED						0.00180	0.000045	0.000	0.00000004590
05004DA	PEACHES-DRIED	0.500	P	0.000174	0.001	0.00000017748				
	10 RAW-FRESH OR NFS						0.00180	0.000000	0.000	0.00000000000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	21 COOKED-NFS						0.00180	0.000000	0.000	0.00000000000
05005AA	PLUMS(DAMSONS)-FRESH	0.200	P	0.004973	0.025	0.00000507246				
	10 RAW-FRESH OR NFS						0.00050	0.000009	0.000	0.00000000918
	31 COOKED-FRESH OR CANNED						0.00050	0.000003	0.000	0.00000000306
05005DA	PLUMS-PRUNES(DRIED)	0.200	P	0.003484	0.017	0.00000355368				
	10 RAW-FRESH OR NFS						0.00050	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00050	0.000002	0.000	0.00000000204
	31 COOKED-FRESH OR CANNED						0.00050	0.000000	0.000	0.00000000000
05005JA	PLUMS,PRUNE-JUICE	0.200	P	0.003851	0.019	0.00000392802				
	10 RAW-FRESH OR NFS						0.00050	0.000007	0.000	0.00000000714
	62 COOKED-FRESH OR FROZEN-BAKED						0.00050	0.000000	0.000	0.00000000000
	CROP GROUP TOTALS FOR STONE FRUITS:			0.163364	0.817	0.00016663128		0.000787	0.004	0.00000080274
01009AA	BLUEBERRIES	1.000	P	0.009047	0.045	0.00000922794				
	10 RAW-FRESH OR NFS						1.00000	0.005359	0.027	0.00000546618
	21 COOKED-NFS						1.00000	0.001084	0.005	0.00000110568
	22 COOKED-FRESH-BAKED						1.00000	0.000487	0.002	0.00000049674
	62 COOKED-FRESH OR FROZEN-BAKED						1.00000	0.002117	0.011	0.00000215934
01010AA	CRANBERRIES	5.000	P	0.075068	0.375	0.00007656936				
	10 RAW-FRESH OR NFS						0.41250	0.000264	0.001	0.00000026928
	21 COOKED-NFS						0.41250	0.000009	0.000	0.00000000918
	31 COOKED-FRESH OR CANNED						0.41250	0.005921	0.030	0.00000603942
01010JA	CRANBERRIES-JUICE	5.000	P	0.093937	0.470	0.00009581574				
	15 RAW-FRESH OR CANNED						0.41250	0.007715	0.039	0.00000786930
	31 COOKED-FRESH OR CANNED						0.41250	0.000035	0.000	0.00000003570
	CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:			0.178052	0.890	0.00018161304		0.022991	0.115	0.00002345082
15005AA	CORN,SWEET	1.000	P	0.236707	1.184	0.00024144114				
	10 RAW-FRESH OR NFS						0.00020	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00020	0.000040	0.000	0.00000004080
	31 COOKED-FRESH OR CANNED						0.00020	0.000007	0.000	0.00000000714
	CROP GROUP TOTALS FOR CEREAL GRAINS:			0.236707	1.184	0.00024144114		0.000047	0.000	0.00000004794

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
03001AA	ALMONDS	0.050	N	0.000000	0.000	0.00000000000				
	10 RAW-FRESH OR NFS						0.05000	0.000065	0.000	0.00000006630
	21 COOKED-NFS						0.05000	0.000047	0.000	0.00000004794
	22 COOKED-FRESH-BAKED						0.05000	0.000028	0.000	0.00000002856
03005AA	FILBERTS, HAZELNUTS	0.100	P	0.000040	0.000	0.00000004080				
	10 RAW-FRESH OR NFS						0.10000	0.000035	0.000	0.00000003570
	21 COOKED-NFS						0.10000	0.000003	0.000	0.00000000306
	22 COOKED-FRESH-BAKED						0.10000	0.000002	0.000	0.00000000204
03008AA	PECANS	0.020	A	0.000000	0.000	0.00000000000				
	10 RAW-FRESH OR NFS						0.02000	0.000014	0.000	0.00000001428
	21 COOKED-NFS						0.02000	0.000001	0.000	0.00000000102
	22 COOKED-FRESH-BAKED						0.02000	0.000022	0.000	0.00000002244
	23 COOKED-FRESH-BOILED						0.02000	0.000047	0.000	0.00000004794
	62 COOKED-FRESH OR FROZEN-BAKED						0.02000	0.000013	0.000	0.00000001326
	CROP GROUP TOTALS FOR TREE NUTS:			0.000040	0.000	0.00000004080		0.000277	0.001	0.00000028254
08048DA	PAPRIKA	5.000	N	0.011800	0.059	0.00001203600				
	00 NOT SPECIFIED (NO CONSUMPTION)						5.00000	0.011800	0.059	0.00001203600
28080AA	PEPPERMINT	2.000	P	0.000002	0.000	0.00000000204				
	00 NOT SPECIFIED (NO CONSUMPTION)						2.00000	0.000002	0.000	0.00000000204
28080OA	PEPPERMINT-OIL	2.000	P	0.000510	0.003	0.00000052020				
	00 NOT SPECIFIED (NO CONSUMPTION)						2.00000	0.000510	0.003	0.00000052020
28081AA	SPEARMINT	2.000	P	0.000002	0.000	0.00000000204				
	00 NOT SPECIFIED (NO CONSUMPTION)						2.00000	0.000002	0.000	0.00000000204
28081OA	SPEARMINT-OIL	2.000	P	0.000916	0.005	0.00000093432				
	00 NOT SPECIFIED (NO CONSUMPTION)						2.00000	0.000916	0.005	0.00000093432
	CROP GROUP TOTALS FOR HERBS AND SPICES:			0.013230	0.066	0.00001349460		0.013230	0.066	0.00001349460
53001BA	BEEF-MEAT BYPRODUCTS	0.100	A	0.000883	0.004	0.00000090066				
	21 COOKED-NFS						0.01600	0.000262	0.001	0.00000026724
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.01600	0.000021	0.000	0.00000002142
53001BB	BEEF(ORGAN MEATS)-OTHER	0.100	A	0.000302	0.002	0.00000030804				
	21 COOKED-NFS						0.01600	0.000083	0.000	0.00000008466
	51 COOKED-CANNED						0.01600	0.000014	0.000	0.00000001428
53001DA	BEEF-DRIED	0.100	A	0.000076	0.000	0.00000007752				
	21 COOKED-NFS						0.02480	0.000063	0.000	0.00000006426
53001FA	BEEF(BONELESS)-FAT (BEEF TALLOW)	0.100	A	0.037208	0.186	0.00003795216				
	10 RAW-FRESH OR NFS						0.33000	0.000476	0.002	0.00000048552
	21 COOKED-NFS						0.33000	0.048925	0.245	0.00004990350

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 On IRIS.

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TMRC TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
	22 COOKED-FRESH-BAKED						0.33000	0.008249	0.041	0.00000841398
	23 COOKED-FRESH-BOILED						0.33000	0.011009	0.055	0.00001122918
	24 COOKED-FRESH-BROILED						0.33000	0.046980	0.235	0.00004791960
	25 COOKED-FRESH-FRIED						0.33000	0.007146	0.036	0.00000728892
53001KA	BEEF(ORGAN MEATS)-KIDNEY	0.100	A	0.000240	0.001	0.00000024480				
	21 COOKED-NFS						0.01600	0.000008	0.000	0.00000000816
53001LA	BEEF(ORGAN MEATS)-LIVER	0.100	A	0.001035	0.005	0.00000105570				
	25 COOKED-FRESH-FRIED						0.01600	0.000327	0.002	0.00000033354
	31 COOKED-FRESH OR CANNED						0.01600	0.000004	0.000	0.00000000408
53001MA	BEEF(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.100	A	0.034860	0.174	0.00003555720				
	10 RAW-FRESH OR NFS						0.02480	0.000001	0.000	0.00000000102
	21 COOKED-NFS						0.02480	0.017165	0.086	0.00001750830
	22 COOKED-FRESH-BAKED						0.02480	0.001182	0.006	0.00000120564
	23 COOKED-FRESH-BOILED						0.02480	0.001826	0.009	0.00000186252
	24 COOKED-FRESH-BROILED						0.02480	0.008644	0.043	0.00000881688
53002BA	GOAT-MEAT BYPRODUCTS	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01600	0.000000	0.000	0.00000000000
53002BB	GOAT(ORGAN MEATS)-OTHER	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01600	0.000000	0.000	0.00000000000
53002FA	GOAT(BONELESS)-FAT	0.100	A	0.000004	0.000	0.00000000408				
	23 COOKED-FRESH-BOILED						0.33000	0.000012	0.000	0.00000001224
	25 COOKED-FRESH-FRIED						0.33000	0.000001	0.000	0.00000000102
53002KA	GOAT(ORGAN MEATS)-KIDNEY	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01600	0.000000	0.000	0.00000000000
53002LA	GOAT(ORGAN MEATS)-LIVER	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01600	0.000000	0.000	0.00000000000
53002MA	GOAT(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.100	A	0.000006	0.000	0.00000000612				
	23 COOKED-FRESH-BOILED						0.02480	0.000004	0.000	0.00000000408
	25 COOKED-FRESH-FRIED						0.02480	0.000000	0.000	0.00000000000
53003AA	HORSE	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.33000	0.000000	0.000	0.00000000000
53005BA	SHEEP-MEAT BYPRODUCTS	0.100	A	0.000003	0.000	0.00000000306				
	21 COOKED-NFS						0.01600	0.000001	0.000	0.00000000102
53005BB	SHEEP(ORGAN MEATS)-OTHER	0.100	A	0.000001	0.000	0.00000000102				
	21 COOKED-NFS						0.01600	0.000000	0.000	0.00000000000
53005FA	SHEEP(BONELESS)-FAT	0.100	A	0.000430	0.002	0.00000043860				
	21 COOKED-NFS						0.33000	0.001418	0.007	0.00000144636
53005KA	SHEEP(ORGAN MEATS)-KIDNEY	0.100	A	0.000004	0.000	0.00000000408				
	21 COOKED-NFS						0.01600	0.000000	0.000	0.00000000000
53005LA	SHEEP(ORGAN MEATS)-LIVER	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.01600	0.000000	0.000	0.00000000000

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT	0.100	A	0.000375	0.002	0.00000038250				
	21 COOKED-NFS						0.02480	0.000286	0.001	0.00000029172
	31 COOKED-FRESH OR CANNED						0.02480	0.000024	0.000	0.00000002448
53006BA	PORK-MEAT BYPRODUCTS	0.100	A	0.001254	0.006	0.00000127908				
	21 COOKED-NFS						0.01600	0.000401	0.002	0.00000040902
53006BB	PORK(ORGAN MEATS)-OTHER	0.100	A	0.000192	0.001	0.00000019584				
	21 COOKED-NFS						0.01600	0.000058	0.000	0.00000005916
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.01600	0.000004	0.000	0.00000000408
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD)	0.100	A	0.020820	0.104	0.00002123640				
	10 RAW-FRESH OR NFS						0.33000	0.000566	0.003	0.00000057732
	21 COOKED-NFS						0.33000	0.032111	0.161	0.00003275322
	23 COOKED-FRESH-BOILED						0.33000	0.007562	0.038	0.00000771324
	25 COOKED-FRESH-FRIED						0.33000	0.008042	0.040	0.00000820284
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.33000	0.020427	0.102	0.00002083554
53006KA	PORK(ORGAN MEATS)-KIDNEY	0.100	A	0.000005	0.000	0.00000000510				
	21 COOKED-NFS						0.01600	0.000000	0.000	0.00000000000
53006LA	PORK(ORGAN MEATS)-LIVER	0.100	A	0.000241	0.001	0.00000024582				
	21 COOKED-NFS						0.01600	0.000069	0.000	0.00000007038
	25 COOKED-FRESH-FRIED						0.01600	0.000008	0.000	0.00000000816
53006MA	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT)	0.100	A	0.011737	0.059	0.00001197174				
	21 COOKED-NFS						0.02480	0.004502	0.023	0.00000459204
	25 COOKED-FRESH-FRIED						0.02480	0.001183	0.006	0.00000120666
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.02480	0.004018	0.020	0.00000409836
	CROP GROUP TOTALS FOR RED MEAT:			0.109676	0.548	0.00011186952		0.233082	1.165	0.00023774364
55008BA	TURKEY-BYPRODUCTS TLT 1/1/98	0.100	A	0.000024	0.000	0.00000002448				
	21 COOKED-NFS						0.00146	0.000000	0.000	0.00000000000
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.00146	0.000000	0.000	0.00000000000
55008LA	TURKEY-GIBLETS (LIVER) "	0.100	A	0.000005	0.000	0.00000000510				
	21 COOKED-NFS						0.00146	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00146	0.000000	0.000	0.00000000000
55008MA	TURKEY-FLESH(W/O SKIN, W/O BONES) "	0.100	A	0.000797	0.004	0.00000081294				
	21 COOKED-NFS						0.00007	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00007	0.000000	0.000	0.00000000000
	62 COOKED-FRESH OR FROZEN-BAKED						0.00740	0.000008	0.000	0.00000000816
55008MB	TURKEY-FLESH(+SKIN,W/O BONES) "	0.100	A	0.004817	0.024	0.00000491334				
	21 COOKED-NFS						0.00044	0.000020	0.000	0.00000002040
	25 COOKED-FRESH-FRIED						0.00044	0.000001	0.000	0.00000000102
55008MC	TURKEY-UNSPECIFIED "	0.100	A	0.000010	0.000	0.00000001020				
	21 COOKED-NFS						0.00146	0.000000	0.000	0.00000000000

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
55013BA	POULTRY,OTHER-BYPRODUCTS "	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00146	0.000000	0.000	0.00000000000
55013LA	POULTRY,OTHER-GIBLETS(LIVER) "	0.100	A	0.000023	0.000	0.00000002346				
	25 COOKED-FRESH-FRIED						0.00146	0.000000	0.000	0.00000000000
55013MA	POULTRY,OTHER-FLESH (+SKIN,W/O BONES)"	0.100	A	0.000539	0.003	0.00000054978				
	21 COOKED-NFS						0.00146	0.000008	0.000	0.00000000816
55015BA	CHICKEN-BYPRODUCTS "	0.100	A	0.000000	0.000	0.00000000000				
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00015	0.000000	0.000	0.00000000000
55015LA	CHICKEN-GIBLETS(LIVER) "	0.100	A	0.000506	0.003	0.00000051612				
	21 COOKED-NFS						0.00015	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00015	0.000001	0.000	0.00000000102
	26 COOKED-FRESH-PICKLED,CORNED,OR CURED						0.10000	0.000038	0.000	0.00000003876
55015MA	CHICKEN-FLESH(W/O SKIN,W/O BONES) "	0.100	A	0.006014	0.030	0.00000613428				
	21 COOKED-NFS						0.00007	0.000003	0.000	0.00000000306
	22 COOKED-FRESH-BAKED						0.00007	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED						0.00007	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00007	0.000001	0.000	0.00000000102
	53 COOKED-CANNED-BOILED						0.00007	0.000000	0.000	0.00000000000
55015MB	CHICKEN-FLESH(+SKIN,W/O BONES) "	0.100	A	0.037932	0.190	0.00003869064				
	21 COOKED-NFS						0.00044	0.000091	0.000	0.00000009282
	25 COOKED-FRESH-FRIED						0.00044	0.000076	0.000	0.00000007752
	CROP GROUP TOTALS FOR POULTRY:			0.050667	0.253	0.00005168034		0.000247	0.001	0.00000025194
50000DB	MILK-NON-FAT SOLIDS	0.100	A	0.711286	3.556	0.00072551172				
	10 RAW-FRESH OR NFS						0.00340	0.019395	0.097	0.00001978290
	21 COOKED-NFS						0.00340	0.003930	0.020	0.00000400860
	51 COOKED-CANNED						0.00430	0.001086	0.005	0.00000110772
50000FA	MILK-FAT SOLIDS	0.100	A	0.338361	1.692	0.00034512822				
	10 RAW-FRESH OR NFS						0.00340	0.009057	0.045	0.00000923814
	21 COOKED-NFS						0.00340	0.002413	0.012	0.00000246126
	51 COOKED-CANNED						0.00340	0.000035	0.000	0.00000003570
50000SA	MILK SUGAR (LACTOSE)	0.100	A	0.003743	0.019	0.00000381786				
	21 COOKED-NFS						0.00340	0.000000	0.000	0.00000000000
	51 COOKED-CANNED						0.00340	0.000127	0.001	0.00000012954
55014AA	EGGS-WHOLE "	0.100	A	0.056450	0.282	0.00005757900				
	10 RAW-FRESH OR NFS						0.00054	0.000002	0.000	0.00000000204
	21 COOKED-NFS						0.00054	0.000168	0.001	0.00000017136
	22 COOKED-FRESH-BAKED						0.00540	0.000324	0.002	0.00000033048
	23 COOKED-FRESH-BOILED						0.00540	0.000133	0.001	0.00000013566
	25 COOKED-FRESH-FRIED						0.00540	0.000883	0.004	0.00000090066

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Chlorothalonil Caswell #215B CAS No. 1897-45-6 A.I. CODE: 081901 CFR No. 180.275	Cancer-rat NOEL= 2.0000 mg/kg 120.00 ppm LEL= 4.0000 mg/kg 120.00 ppm ONCO: B2 (HCPRC)	Incr urinary bilirubin levels & kidney vacuolated epithelium. Evidence of carcinogenicity in rats & mice (kidney).	ADI UF -->100 OPP RfD= 0.020000 EPA RfD= 0.020000 Q*: 0.00766	No data gaps.	HED reviewed 03/14/97 EPA verified 04/08/97 RfD/PR reviewed 01/27/94 WHO reviewed 1992 RfD/PR reviewed 05/18/95 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
55014AB	EGGS-WHITE ONLY	"	0.100	A	0.000920	0.005	0.00000093840				
	10 RAW-FRESH OR NFS							0.00000	0.000000	0.000	0.00000000000
	21 COOKED-NFS							0.00000	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED							0.00000	0.000000	0.000	0.00000000000
	62 COOKED-FRESH OR FROZEN-BAKED							0.00000	0.000000	0.000	0.00000000000
	81 COOKED-FROZEN							0.10000	0.000134	0.001	0.00000013668
55014AC	EGGS-YOLK ONLY	"	0.100	A	0.000663	0.003	0.00000067626				
	10 RAW-FRESH OR NFS							0.00015	0.000000	0.000	0.00000000000
	21 COOKED-NFS							0.00015	0.000000	0.000	0.00000000000
	25 COOKED-FRESH-FRIED							0.00015	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED							0.00015	0.000000	0.000	0.00000000000
	CROP GROUP TOTALS FOR DAIRY PRODUCTS:				1.111423	5.557	0.00113365146		0.037687	0.188	0.00003844074
RAND TOTALS FOR U.S. POPULATION - 48 STATES					13.977119	69.886	0.01425666138		0.471182	2.356	0.00048060564

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

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TABLE 9

1DETAILED ACUTE ANALYSIS INCLUDING AR'S: ALL STATISTICS BASED ON USERS' DAILY CONSUMPTION 14:07 Thursday, September 4, 1997 42

	STUDY	RDV	NOEL	SF	STUDY TYPE	SPECIES	EFF. LEV.	CORE GRADE	DOC. NO.
*NAME: CHLOROTHALONIL									
*CASWELL NO: 215B CFR NO: CFR180.275	A	00000.0150	000060.000	000100	Chronic	Dog	Systemic	Blank	0000001101*
*CAS NO: 01897-45-6 SHAUGHNESSY NO: 081901	B	00000.6250	001250.000	000100	Terata	Rabbit	Systemic	Blank	0000001107*
*STATUS CODES:	C	00000.0300	000060.000	000100	Chronic	Rat	Systemic	Blank	0000001101*

*RDV INFO: The LD value used in this analysis is 0.01 MG/KG of BODY WEIGHT/DAY *

FILE INFO: No Tolerance Data Are Used--Without User Modifications. AR DATA: No User Modifications

-U.S. POP.--48 STATES

ESTIMATES BASED ON	ESTIMATED % OF POTENTIAL: PERSON DAYS THAT ARE USER-DAYS	MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY: MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	99.60	0.012830	128.30

0 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	72	61	52	45	39	34	29	26	23	20	11	7	4	1	0	0

0INFANTS(<1 YEAR)

ESTIMATES BASED ON	ESTIMATED % OF POTENTIAL: PERSON DAYS THAT ARE USER-DAYS	MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY: MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	91.72	0.015234	152.34

0 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	64	57	50	43	37	33	29	26	23	21	15	11	8	2	1	0

0CHILDREN(1-6 YRS)

ESTIMATES BASED ON	ESTIMATED % OF POTENTIAL: PERSON DAYS THAT ARE USER-DAYS	MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY: MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	99.66	0.022684	226.84

0 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	77	68	60	55	50	47	43	40	37	34	25	18	14	3	1	0

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1DETAILED ACUTE ANALYSIS INCLUDING AR'S: ALL STATISTICS BASED ON USERS' DAILY CONSUMPTION 14:07 Thursday, September 4, 1997 43

	STUDY	RDV	NOEL	SF	STUDY TYPE	SPECIES	EFF. LEV.	CORE GRADE	DOC. NO.
*NAME: CHLOROTHALONIL									
*CASWELL NO: 215B CFR NO: CFR180.275	A	00000.0150	000060.000	000100	Chronic	Dog	Systemic	Blank	0000001101*
*CAS NO: 01897-45-6 SHAUGHNESSY NO: 081901	B	00000.6250	001250.000	000100	Terata	Rabbit	Systemic	Blank	0000001107*
*STATUS CODES:	C	00000.0300	000060.000	000100	Chronic	Rat	Systemic	Blank	0000001101*

*RDV INFO: The LD value used in this analysis is 0.01 MG/KG of BODY WEIGHT/DAY *

FILE INFO: No Tolerance Data Are Used--Without User Modifications. AR DATA: No User Modifications

-FEMALES(13+ YRS)

ESTIMATED % OF POTENTIAL — MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY

ESTIMATES BASED ON	PERSON DAYS THAT ARE USER-DAYS	MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	99.63	0.010890	108.90

0 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	71	60	50	43	36	30	26	22	19	17	9	5	2	0	0	0

OMALES(13+ YRS)

ESTIMATED % OF POTENTIAL — MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY

ESTIMATES BASED ON	PERSON DAYS THAT ARE USER-DAYS	MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV
TOLERANCES:	0.00	0.000000	0.00
ANTICIPATED RESIDUES:	99.81	0.010767	107.67

0 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

	0	.2	.4	.6	.8	1	1.2	1.4	1.6	1.8	2	3	4	5	10	15	20
TOLERANCES:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANTICIPATED RESIDUES:	100	72	60	50	42	36	30	26	23	20	17	8	4	2	0	0	0

-

General U.S. Population

Exposure = RDV x X
= 0.01 x 15
High End Exposure = 0.15

MOE = Noel ÷ Exposure
= 175 mg/kg/day ÷ 0.15 mg/kg/day
MOE = 1166

Infants (< 1 year)

Exposure = RDV x X
= 0.01 x 20
High End Exposure = 0.2

MOE = Noel ÷ Exposure
= 175 mg/kg/day ÷ 0.2 mg/kg/day
MOE = 875

Children (1-6 years)

Exposure = RDV x X
= 0.01 x 20
High End Exposure = 0.2

MOE = Noel ÷ Exposure
= 175 mg/kg/day ÷ 0.2 mg/kg/day
MOE = 875

Females (13+ Years:

Exposure = RDV x X
= 0.01 x 10
High End Exposure = 0.1

MOE = Noel ÷ Exposure
= 175 mg/kg/day ÷ 0.1 mg/kg/day
MOE = 1750

Males (13+ Years:

Exposure = RDV x X
= 0.01 x 10
High End Exposure = 0.1

MOE = Noel ÷ Exposure
= 175 mg/kg/day ÷ 0.1 mg/kg/day
MOE = 1750

215B	01009AA10	1.0000	BLUEBERRIES
215B	01009AA21	1.0000	BLUEBERRIES
215B	01009AA22	1.0000	BLUEBERRIES
215B	01009AA62	1.0000	BLUEBERRIES
215B	01010AA10	5.0000	CRANBERRIES
215B	01010AA21	5.0000	CRANBERRIES
215B	01010AA31	5.0000	CRANBERRIES
215B	01010JA15	5.0000	
CRANBERRY-JUICE			
215B	01010JA31	5.0000	
CRANBERRY-JUICE			
215B	03001AA10	0.0500	ALMONDS
215B	03001AA21	0.0500	
215B	03001AA22	0.0500	
215B	03005AA10	0.1000	FILBERTS
215B	03005AA21	0.1000	FILBERTS
215B	03005AA22	0.1000	FILBERTS
215B	03008AA10	0.0200	PECANS
215B	03008AA21	0.0200	PECANS
215B	03008AA22	0.0200	PECANS
215B	03008AA23	0.0200	PECANS
215B	03008AA62	0.0200	PECANS
215B	03011AA10	0.2000	PISTACHIOS
215B	05001AA10	0.5000	
APRICOTS-FRESH			
215B	05001AA21	0.5000	
APRICOTS-FRESH			
215B	05001AA31	0.5000	
APRICOTS-FRESH			
215B	05001DA10	0.5000	
APRICOTS-DRIED			
215B	05001DA22	0.5000	
APRICOTS-DRIED			
215B	05002AA10	0.5000	
CHERRIES-FRESH			
215B	05002AA21	0.5000	
CHERRIES-FRESH			
215B	05002AA31	0.5000	
CHERRIES-FRESH			
215B	05002AA62	0.5000	
CHERRIES-FRESH			
215B	05002DA00	0.5000	
CHERRIES-DRIED			
215B	05002JA15	0.5000	
CHERRIES-JUICE			
215B	05002JA21	0.5000	
CHERRIES-JUICE			
215B	05003AA10	0.5000	NECTARINES
215B	05004AA10	0.5000	
PEACHES-FRESH			
215B	05004AA21	0.5000	
PEACHES-FRESH			
215B	05004AA31	0.5000	
PEACHES-FRESH			
215B	05004AA51	0.5000	
PEACHES-FRESH			
215B	05004DA10	0.5000	
PEACHES-DRIED			
215B	05004DA21	0.5000	
PEACHES-DRIED			
215B	05005AA10	0.2000	PLUMS-FRESH
215B	05005AA31	0.2000	PLUMS-FRESH
215B	05005DA10	0.2000	PLUMS-PRUNES
215B	05005DA21	0.2000	PLUMS-PRUNES
215B	05005DA31	0.2000	PLUMS-PRUNES
215B	05005JA10	0.2000	PRUNE-JUICE
215B	05005JA62	0.2000	PRUNE-JUICE
215B	06002AA22	0.0500	
BANANAS-UNSPEC			
215B	06002AB10	0.0500	
BANANAS-FRESH			
215B	06002AB21	0.0500	
BANANAS-FRESH			
215B	06002AB31	0.0500	
BANANAS-FRESH			
215B	06002DA10	0.0500	
BANANAS-DRIED			
215B	06002DA21	0.0500	
BANANAS-DRIED			
215B	06010AA00	15.0000	
PAPAYAS-UNSPEC			
215B	06007AA10	1.0000	MANGOES
215B	06007AA21	1.0000	
215B	06010AB10	15.0000	PAPAYAS-PULP
215B	06010AB51	15.0000	PAPAYAS-PULP
215B	06010DA10	15.0000	
PAPAYAS-DRIED			
215B	06010JA10	15.0000	
PAPAYAS-JUICE			
215B	06014AA00	3.0000	PASSION
FRUIT			
215B	06016AA21	0.0500	PLANTAINS
215B	06016AA23	0.0500	PLANTAINS
215B	06016AA25	0.0500	PLANTAINS
215B	07001FA21	0.0500	COCOA BUTTER
215B	07001SA10	0.0500	CHOCOLATE
215B	07001SA21	0.0500	CHOCOLATE
215B	07001SA22	0.0500	CHOCOLATE
215B	07002AA21	0.2000	COFFEE
215B	08048DA00	5.0000	PAPRIKA
215B	10002AA00	5.0000	
CANTALOUPES-UNSP			
215B	10002AB10	5.0000	
CANTALOUPES-PULP			
215B	10002AB21	5.0000	
CANTALOUPES-PULP			
215B	10003AA10	5.0000	CASABAS
215B	10004AA00	5.0000	CRENSHAWS
215B	10005AA10	5.0000	HONEYDEW
MELONS			
215B	10007AA00	5.0000	PERSION
MELONS			
215B	10008AA10	5.0000	WATERMELON
215B	10008AA21	5.0000	WATERMELON
215B	10010AA10	5.0000	CUCUMBERS
215B	10010AA11	5.0000	CUCUMBERS
215B	10010AA21	5.0000	CUCUMBERS
215B	10011AA21	5.0000	PUMPKIN
215B	10011AA22	5.0000	PUMPKIN
215B	10011AA62	5.0000	PUMPKIN
215B	10013AA10	5.0000	
SQUASH-SUMMER			
215B	10013AA21	5.0000	
SQUASH-SUMMER			
215B	10014AA10	5.0000	
SQUASH-WINTER			
215B	10014AA21	5.0000	
SQUASH-WINTER			
215B	10014AA31	5.0000	
SQUASH-WINTER			
215B	10017AA21	5.0000	BITTER MELON
215B	10020AA00	5.0000	TOWELGOURD
215B	11003AB00	5.0000	CHILI
PEPPERS			
215B	11003AD10	5.0000	
PEPPERS-OTHER			
215B	11003AD21	5.0000	
215B	11003AD51	5.0000	
215B	11004AA10	5.0000	PIMENTOS
215B	11004AA21	5.0000	
215B	11004AA31	5.0000	
215B	11005AA10	5.0000	

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TOMATOES-WHOLE
215B    11005AA21  5.0000
TOMATOES-WHOLE
215B    11005AA31  5.0000
TOMATOES-WHOLE
215B    11005JA10  5.0000
TOMATOES-JUICE
215B    11005JA21  5.0000
TOMATOES-JUICE
215B    11005RA10  5.0000
TOMATOES-PUREE
215B    11005RA21  5.0000
TOMATOES-PUREE
215B    11005RA31  5.0000
TOMATOES-PUREE
215B    11005RA32  5.0000
TOMATOES-PUREE
215B    11005RA51  5.0000
TOMATOES-PUREE
215B    11005TA21  5.0000
TOMATOES-PASTE
215B    11005TA22  5.0000
TOMATOES-PASTE
215B    11005TA31  5.0000
TOMATOES-PASTE
215B    11005UA21  5.0000
TOMATOES-CATSUP
215B    13002AA10 15.0000 CELERY
215B    13002AA21 15.0000 CELERY
215B    13005AA21  5.0000 BROCCOLI
215B    13005AA31  5.0000 BROCCOLI
215B    13005AA63  5.0000 BROCCOLI
215B    13006AA21  5.0000 BRUSSEL
SPROUTS
215B    13006AA23  5.0000 BRUSSEL
SPROUTS
215B    13007AA10  5.0000 CABBAGE
215B    13007AA11  5.0000 CABBAGE
215B    13007AA21  5.0000 CABBAGE
215B    13008AA10  5.0000 CAULIFLOWER
215B    13008AA21  5.0000 CAULIFLOWER
215B    13010AA10  5.0000
CABBAGE-CHINESE
215B    13010AA21  5.0000
CABBAGE-CHINESE
215B    13016AA00 15.0000 FENNEL
215B    14003AA10  1.0000 CARROTS
215B    14003AA21  1.0000 CARROTS
215B    14003AA23  1.0000 CARROTS
215B    14003AA31  1.0000 CARROTS
215B    14003AA51  1.0000 CARROTS
215B    14007AA10  0.5000 GARLIC
215B    14007AA21  0.5000 GARLIC
215B    14007AA32  0.5000 GARLIC
215B    14010AA31  5.0000 LEEKS
215B    14011AA10  0.5000
ONIONS-DRY-BULB
215B    14011AA21  0.5000
ONIONS-DRY-BULB
215B    14011AA22  0.5000
ONIONS-DRY-BULB
215B    14011AA31  0.5000
ONIONS-DRY-BULB
215B    14011DA12  0.5000 ONIONS-DRIED
215B    14013AA10  0.1000
POTATO(WH)-WHOLE
215B    14013AA21  0.1000
POTATO(WH)-WHOLE
215B    14013AA22  0.1000
POTATO(WH)-WHOLE
215B    14013AB22  0.1000
POTATO(WH)-UNSPE
215B    14013AC21  0.1000
POTATO(WH)-PULP
215B    14013AC22  0.1000
POTATO(WH)-PULP
215B    14013AC23  0.1000
POTATO(WH)-PULP
215B    14013AC25  0.1000
POTATO(WH)-PULP
215B    14013DA10  0.1000
POTATO(WH)-DRY
215B    14013DA31  0.1000
POTATO(WH)-DRY
215B    14013HA22  0.1000
POTATO(WH)-PEEL
215B    14017AA00  5.0000 SHALLOTS
215B    14021AA21  1.0000 PARSNIPS
215B    15001AA00  0.1000
BEANS-DRY-GRT NO
215B    15001AB21  0.1000
BEANS-DRY-KIDNEY
215B    15001AB31  0.1000
BEANS-DRY-KIDNEY
215B    15001AC21  0.1000
BEANS-DRY-LIMA
215B    15001AD21  0.1000
BEANS-DRY-NAVY
215B    15001AD31  0.1000
BEANS-DRY-NAVY
215B    15001AE21  0.1000
BEANS-DRY-OTHER
215B    15001AE25  0.1000
BEANS-DRY-OTHER
215B    15001AE31  0.1000
BEANS-DRY-OTHER
215B    15001AF21  0.1000
BEANS-DRY-PINTO
215B    15003AA21  5.0000
BEANS-SUCC-GREEN
215B    15005AA10  1.0000 CORN,SWEET
215B    15005AA21  1.0000 CORN,SWEET
215B    15005AA31  1.0000 CORN,SWEET
215B    15006AA10  0.3000
PEANUTS-WHOLE
215B    15006AA21  0.3000
PEANUTS-WHOLE
215B    15006AA22  0.3000
PEANUTS-WHOLE
215B    15013AA10  0.1000 MUNG BEANS
215B    15013AA21  0.1000 MUNG BEANS
215B    15022AA00  0.1000
BEANS-DRY-BROAD
215B    15023AA21  0.1000
BEANS-DRY-PIGEON
215B    15029AA00  0.2000
SOYBEAN-SPROUTED
215B    15030AA00  0.1000
BEANS-DRY-HYAC
215B    15031AA21  0.1000 BLKEYE
PEAS-DRY
215B    15032AA21  0.1000 BEANS-DRY
215B    15032AA31  0.1000 BEANS-DRY
215B    16002AA21  0.1000 ASPARAGUS
215B    16002AA23  0.1000
215B    16003AA10  7.0000 MUSHROOMS
215B    16003AA21  7.0000 MUSHROOMS
215B    16003AA31  7.0000 MUSHROOMS
215B    16003AA53  7.0000 MUSHROOMS
215B    16004AA10  5.0000 ONIONS-GREEN
215B    16004AA21  5.0000 ONIONS-GREEN
215B    16004AA25  5.0000 ONIONS-GREEN
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215B    27007OA18  0.3000 PEANUTS-OIL
215B    27010OA18  0.2000 SOYBEANS-OIL
215B    28023AA21  0.2000
SOYBEANS-UNSPEC
215B    28023AB10  0.2000 SOYBEANS-DRY
215B    28023AB21  0.2000 SOYBEANS-DRY
215B    28023AB23  0.2000 SOYBEANS-DRY
215B    28023AB25  0.2000 SOYBEANS-DRY
215B    28023AB31  0.2000 SOYBEANS-DRY
215B    28023WA21  0.2000 SOY-FL, FULL
FAT
215B    28023WA22  0.2000 SOY-FL, FULL
FAT
215B    28023WA31  0.2000 SOY-FL, FULL
FAT
215B    28023WB21  0.2000 SOY-FL, LOW
FAT
215B    28023WC10  0.2000 SOY-FL,DEFAT
215B    28023WC21  0.2000 SOY-FL,DEFAT
215B    28023WC22  0.2000 SOY-FL,DEFAT
215B    28023WC51  0.2000 SOY-FL,DEFAT
215B    28023WC53  0.2000 SOY-FL,DEFAT
215B    28080AA00  2.0000 PEPPERMINT
215B    28080OA00  2.0000
PEPPERMINT-OIL
215B    28081AA00  2.0000 SPEARMINT
215B    28081OA00  2.0000
SPEARMINT-OIL
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