



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

APR 7 1995

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Dietary Exposure Analyses for Naled in Support of
the Reregistration Eligibility Decision Document

FROM: Stephen A. Schaible *Stephen A. Schaible*
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Science Analysis Branch/ HED (7509C)

THROUGH: Elizabeth A. Doyle, Head *E.A. Doyle*
DRES/SAB
Health Effects Division *WJ Bunn*

TO: Brigid Lowery, PM Team 72
Reregistration Branch
Special Review and Reregistration Division
(7508W)

and

Mary Clock, Chemical Manager
Risk Characterization and Analysis Branch
Health Effects Division (7509C)

Action Requested

Provide Dietary Risk Evaluation System (DRES) analyses to estimate acute and chronic dietary exposure and risk from naled food uses being supported through reregistration. Analyses were performed for both naled and dichlorvos (DDVP) residues resulting from naled use.

Discussion

1. Toxicological Endpoints

- a. **Chronic non-cancer:** Chronic exposure from naled was compared to a Reference Dose (RfD) of 0.002 mg/kg body weight/day, based on a NOEL of 0.2 mg/kg bwt/day and an uncertainty factor of 100. The NOEL was taken from a 2 year feeding study in rats in which brain, plasma and red blood cell cholinesterase inhibition were the effects observed (G. Ghali memorandum to R. Forrest and E. Saito, 8/31/94).
Chronic exposure from DDVP was compared to a RfD of



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80

0.0005 mg/kg bwt/day, based on a NOEL of 0.05 mg/kg bwt/day and an uncertainty factor of 100. This NOEL is taken from a 1 yr. feeding study in dogs in which plasma and red blood cell cholinesterase inhibition were the effects observed in both sexes; in addition, brain cholinesterase inhibition was observed in males (G. Ghali memo to G. LaRocca and L. Rossi, 6/10/92).

- b. **Cancer:** Naled has been classified as "Group E" (no evidence of carcinogenicity) by the HED Carcinogenicity Peer Review Committee.

DDVP has been classified as "Group C" (possible human carcinogen) by the Committee (G. Ghali to G. LaRocca, 9/18/89). An upper bound potency factor (Q_1^*) of 1.22×10^{-1} (mg/kg/day)⁻¹, supplied by SAB in a B. Fisher/H. Pettigrew memorandum to D. Edwards dated 9/20/94, was used in the DRES carcinogenic risk assessment.

- c. **Acute:** High end exposure for naled was compared to a NOEL of 1.0 mg/kg/day, taken from a 28 day oral study in rats; effects observed at the LOEL in this study were mild cholinergic signs and 50% reduction in plasma and brain cholinesterase (Toxicological Endpoint Selection Document, K. Baetcke, 8/4/94).

High end exposure for DDVP was compared to a NOEL of 0.5 mg/kg/day for signs associated with cholinesterase inhibition, taken from an acute neurotoxicity study in rats (M. Beringer memorandum to D. Utterback, 9/8/93). DDVP has not yet been evaluated by OPP's Less Than Lifetime Committee, but the NOEL used has been informally acknowledged as the most appropriate endpoint for acute dietary assessment by E. Doyle, secretary of the Less Than Lifetime Committee (personal communication, E. Doyle, 11/28/94).

2. Residue Information

DRES chronic and acute exposure analyses evaluated residues of naled and DDVP resulting from the uses of naled recommended through reregistration. Food uses evaluated were those uses listed in the Tolerance Reassessment Summary of the Residue Chemistry Chapter for the RED (S. Hummel memorandum to D. Edwards dated 8/5/94). An addendum to the Chemistry Chapter (D. Miller memo to B. Lowery, 9/19/94) includes reassessed tolerance levels for spinach and Swiss chard. Published food use tolerances for naled are listed in 40 CFR 180.215 and in the Tolerance Index System (TIS). Where a tolerance level recommended through reregistration differed from the existing published tolerance, the recommended tolerance level was used in the analyses. If submitted residue data were inadequate to reassess a tolerance for a commodity, the existing tolerance was assumed in the DRES analysis.

A tolerance of 0.5 ppm is established in 180.215 for all raw

agricultural commodities (RACs) not listed as having specific tolerances in that section, from use of naled for area pest (mosquito and fly) control. Uses recommended for revocation in the Residue Chemistry Chapter were included in the analyses but assigned the pest control tolerance instead of their respective RAC-specific tolerances. Where a published or recommended tolerance for a commodity was lower than the pest control tolerance, that lower RAC-specific tolerance was assumed in the analyses instead of the pest control tolerance. Since mosquito/fly control use of naled is applied primarily to non-agricultural land (J.Faulkner/D.Sutherland memorandum to D. Edwards, 10/26/94), it is assumed that residues of naled are much more likely to occur on a RAC through its agricultural use than through pest control use.

Percent of crop treated refinements: Percent of crop treated information supplied by BEAD was used in the chronic exposure analyses for naled and DDVP and in the carcinogenic risk assessment for DDVP. Percent of crop treated estimates for naled food uses and direct animal treatments are described in the Faulkner/Sutherland memorandum to D. Edwards dated 10/26/94. Refinements in percent crop treated information for direct treatments to dairy cattle and laying hens are described in Faulkner's 2/15/95 memorandum to Schaible (discussion of the rationale behind these refinements is found in S. Schaible's memorandum to D. Utterback, dated 3/6/95). Where a range of percent crop treated values were supplied, the upper end of the range was assumed.

Naled percent crop treated estimates were assumed for both the naled and DDVP analyses. Where both a RAC-specific percent crop treated estimate and a crop group percent crop treated estimate were supplied for a given RAC, the RAC-specific estimate was used.

For all food items in DRES not having specific RAC or crop group percent crop treated estimates, it was assumed that less than one percent of the crop would contain residues resulting from naled use to control mosquitoes and flies. For certain crops grown in water-filled areas (e.g., sugarcane) this may be an underestimate, but across all crops, 1% is considered a conservative estimate of percent of agricultural crops containing residues through this use.

Anticipated residues: Chronic anticipated residues (ARs) used in the DRES chronic and cancer analyses were supplied by Chemistry Branch II- Reregistration Support (CBRS) in a table on pages 23-25 of a S. Hummel memorandum to D. Utterback and B. Lowery dated 9/12/94. In this table, residues were supplied for naled, DDVP from use of naled, and total residues of naled and DDVP (expressed in naled equivalents). This memo updates ARs for naled and DDVP previously supplied in D. McNeilly memo dated 2/27/92 by incorporating information from additional processing, cooking and field trial studies.

There are numerous commodities for which chronic ARs were not supplied. One half the limit of detection (LOD) was assumed

in generating ARs if residues were not detectable and the detection limit for the RAC was supplied in the 9/12/94 memo. If no anticipated residues and no detection limits were supplied, total residues expressed in naled equivalents were apportioned between naled and DDVP by extrapolating from data for another RAC. ARs for cucumbers, melons, pumpkins, peppers, eggplants, and mushrooms were generated by extrapolating from tomato data; ARs for collards, kale and Swiss chard were generated by extrapolating from spinach data. The assumptions made above were recommended by CBRS (personal communication, Hummel, 3/21/95). [Note: DDVP ARs supplied in the table at the front of Hummel's 9/12/94 memo for these commodities are inappropriate for use in the RED chronic analysis for DDVP as they assume 100% conversion of naled to DDVP; these ARs were generated for the DDVP special review]

Reduction factors for celery, collards, oranges, strawberries and grapes were supplied for both naled and DDVP on p. 22 of Hummel's 9/12/94 memo. Where naled reduction factors were not available, reduction factors for DDVP were assumed in generating naled ARs (Hummel, 9/12/94). The reduction factors for strawberries were not used in generating ARs, at the recommendation of CBRS (personal communication, S. Hummel, 3/14/95). A reduction factor of 0.1X was also applied to all cooked forms of DRES items in both the naled and DDVP analyses (with the exception of collards and grape juice, where cooking factors supplied on p. 22 were used instead).

Further discussion of commodity specific residue and percent of crop treated assumptions made in the chronic exposure assessments is included in Appendix A. Residue and percent of crop treated information used in the chronic and carcinogenic risk assessments are attached as Attachments 1A (naled) and 1B (DDVP).

High end anticipated residues for use in acute dietary exposure analyses were not supplied by CBRS as part of the Residue Chemistry Chapter. Unlike in the DRES analysis for the DDVP special review (S. Schaible memorandum to D. Utterback/M. Beringer, 12/2/94) where 100% conversion of naled residues to DDVP was assumed, more realistic assumptions of conversion are reflected in the acute ARs DRES generated for these analyses.

The tolerance is generally the high end residue estimate recommended for acute risk assessment by CBRS. DRES calculated acute ARs by using the ratios observed in the chronic ARs of naled and DDVP residues to total residues in naled equivalents to apportion the tolerance level residue for each RAC into separate "tolerances" for naled and DDVP (the tolerance expression for naled food uses is for naled and its conversion product dichlorvos, expressed as naled). Residues based on the ratio of the naled tolerances apportioned to DDVP were converted to DDVP equivalents by multiplying the residues by 0.58, the ratio of DDVP's molecular weight to that of naled. As field trial data were used in generating the chronic ARs, it is reasonable to assume that the ratios between naled and DDVP residues observed in chronic ARs would be also be appropriate for use in generating

acute ARs. More specific discussion of how acute ARs were calculated is included in Appendix A.

Following a DRES policy relating to the use of food handling establishment tolerances in acute dietary exposure analyses, residues on food crops resulting from the pest control use of naled were not considered in the naled or DDVP acute analyses. High end anticipated residues used in the acute analyses for naled and DDVP are included below in the Table 1.

Table 1: High End Residues used in DRES Acute Exposure Analyses		
Commodity	Naled (ppm)	DDVP (ppm)
Almond	0.25	0.145
Beans	0.0165	0.019
Broccoli	0.006	0.055
Brussel Sprouts	0.005	0.055
Cabbage	0.05	0.55
Cauliflower	0.05	0.55
Celery		
- trimmed	0.0075	0.14
- cooked	0.003	0.056
Citrus		
- whole	0.405	0.16
- peel	1.62	0.8
- juice	0.06	0.03
Collards	0.06 (0.004)	1.71 (0.12)
Cottonseed	0.0165	0.019
Cucumber	0.165	0.19
Eggplant	0.165	0.19
Grapes		
- whole	0.025	0.0145
- juice, raisins	0.0165	0.0096
Hops	0.25	0.145
Kale	0.06	1.71
Lettuce	0.005	0.29
Melon	0.165	0.19
Mushroom	0.165	0.19
Peach	0.115	0.22
Peas- succulent	0.0165	0.019
Pepper	0.165	0.19
Pumpkin	0.165	0.19
Rice	0.025	0.28

Safflower	0.25	0.145
Spinach	0.1	2.84
Squash	0.07	0.25
Strawberries	0.02	0.57
Sugar beets - tops - roots	0.25 0.025	0.145 0.0145
Swiss chard	0.1	2.84
Tomatoes	0.165	0.19
Turnips	0.25	0.145
Walnuts	0.25	0.145
RACs not already listed in 180.215	0.09	0.24
Red meat	0.0185	0.018
Milk	0.018	0.019
Poultry	0.0165	0.019
Eggs	0.0165	0.019

3. Results

Chronic Risk

The DRES chronic exposure analysis for naled assumed tolerance level residues and 100 percent of crop treated to estimate the Theoretical Maximum Residue Concentration (TMRC) for the overall U.S. population and 22 population subgroups. Anticipated residues and refined percent of crop treated information were used to calculate the Anticipated Residue Contributions (ARCs) from naled and DDVP for those same population groups. The ARC is considered the more accurate estimate of dietary exposure. These exposure estimates were then compared to the RfDs for naled and DDVP to derive estimates of chronic dietary risk from naled and naled-derived DDVP. Summaries of the TMRCs, the ARCs, and their associated percentages of the RfD for naled are attached as Attachment 2A; ARCs and their representations as percentages of the RfD for naled-derived DDVP are attached as Attachment 2B (TMRC estimates on this summary page should be disregarded).

The ARC for naled from uses recommended through reregistration is 0.000004 mg/kg bwt/day, which represents 0.2% of the RfD. The subgroup most highly exposed, "Children age 6 through 12 years", has an ARC of 0.000008 mg/kg bwt/day, or 0.4% of the RfD.

The ARC for DDVP resulting from the recommended uses of naled is 0.000006 mg/kg bwt/day, or 1.2% of the RfD; the ARC for "Children aged 6 through 12 years" is 0.000012 mg/kg bwt/day, or 2.4% of the RfD.

Given the chronic risk estimates arrived at in these analyses, it appears that chronic dietary risk from naled and naled-derived DDVP is minimal.

Cancer risk

The upper bound excess lifetime cancer risk from naled-derived DDVP was calculated for the overall U.S. population using the following relationship:

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

An upper bound potency factor (Q_1^*) of 1.22×10^{-1} (mg/kg/day)⁻¹ and a 70 year lifetime exposure were assumed in this calculation. Based on these assumptions, **the upper bound cancer risk from DDVP was calculated to be 7.2×10^{-7}** . This upper bound risk does not exceed the level that the Agency generally considers as being negligible.

A summary of the upper bound cancer risk by commodity from DDVP is attached as Attachment 3.

Acute Risk

Acute exposure analyses were performed assessing risk from both naled and naled-derived DDVP. As mentioned before, only the agricultural uses of naled were considered, and not the tolerance for area pest control. The DRES detailed acute analyses estimated the distribution of single-day exposures for **consumers only** in the overall U.S. population, infants less than 1 year, children aged one through 6 years, females 13 years and above, and males 13 and above. These analyses evaluated individual food consumption as reported by respondents in the USDA 1977-78 Nationwide Food Consumption Survey (NFCS), assuming uniform distribution of naled and DDVP in the commodity supply. Because neurotoxicity is the effect observed at the endpoints being evaluated, exposure and risk estimates were calculated for all of the standard DRES subgroups listed above.

The Margin of Exposure (MOE) is a measure of how closely the calculated exposure comes to the NOEL (the highest dose at which no effect was observed in the most sensitive study), and is calculated as the ratio of the NOEL to the exposure. The Agency is not generally concerned with MOEs of 100 or greater when the NOEL is ~~taken~~ from an animal study. In these analyses, MOEs were calculated for the high end (approximately 99th percentile) and if necessary, 95th percentile exposed individuals. Tables illustrating the distribution of exposures and calculated MOEs for all five population groups are attached as Attachments 4A (naled) and 4B (DDVP). MOEs for naled for each of the DRES standard population groups are included in Table 2 on the next page; MOEs for DDVP are listed in Table 3, with 95th percentile MOEs listed where necessary.

Table 2: Margins of Exposure for Naled	
DRES subgroup	High end MOE
U.S. population	250
Infants < 1 yr	167
Children 1 through 6	125
Females 13+	250
Males 13+	250

Looking at Table 2, it is seen that MOEs are above 100 for all DRES population subgroups in the acute analysis. Acute dietary risk from residues of naled does not appear to be of concern.

Table 3: Margins of Exposure for DDVP		
DRES subgroup	High end MOE	95th %ile
U.S. population	100	-
Infants < 1 yr	71	167
Children 1 through 6	71	167
Females 13+	125	-
Males 13+	125	-

Looking at Table 3 above, it is seen that two DRES subgroups, "Infants < 1 yr" and "Children aged 1 through 6 years", have MOEs below 100 when the "highest exposed individual" (roughly, the 99th percentile exposed individual) is considered. However, MOEs based on the 95th percentile exposed individual are both above 100. The assumption that "tolerance" level residues are present on every commodity consumed in a single day is a possible source of overestimation in these analyses.

Attachments

cc: DRES, CBRS, Tox 1, PM 14, BEAD, Caswell # 586

Appendix A
Notes to DRES file

- * chronic and acute ARs for "summer squash" were applied to "bitter melon" and "towelgourd"; both are summer squashes as defined in 40 CFR 180.1(h)
- * ARs supplied or generated for "sugar beets, tops" were applied to the DRES term "beets-tops"
- * the ratio for "beans, succulent" was assumed for all beans in generating acute ARs, since data for dry beans were not available (succulent bean chronic ARs were available for DDVP, but not naled): for both naled and DDVP ARs, "beans, dry- unspecified" were assumed to be cooked, while "beans, succulent"- unspecified" were assumed to be raw.
- * a tolerance exists and was reassessed for "peas, succulent", but not "peas, dry"; the pest control tolerance of 0.5 ppm was assumed for this RAC. Pest control chronic and acute ARs were assumed as well.
- * since no data were available for walnuts, residues were assumed to convert equally to naled and DDVP for the purposes of generating acute and chronic ARs.
- * **Cooking-** since application of naled is to growing crops (either directly through agricultural use or indirectly through the pest control use) and not in food handling establishments, it was assumed that cooking would occur to the following crops before they were eaten in their "raw" form, and the cooking factor of 0.1X was assumed:

sugar beets	cane sugar
peanuts	chocolate ¹
carob	rice
field corn	oats
rye	sorghum
wheat	millet
soybeans	

1- it is assumed that the cacao bean to which naled residues might drift onto is cooked before it becomes "raw" chocolate as reported in the food consumption survey; this argument is also applicable to carob, sugar beets, and cane sugar.

"Processed oils" were also assumed to have been cooked after naled introduction to the RAC; "unspecified" meat was assumed to have been cooked, "raw" meat was assumed to be just that and the reduction factor of 0.1X was not used.

* DRES default concentration factors for dried fruits were turned off; because the drying process involves both time and heat, it is reasonable to assume that residues will be decreased instead of concentrated (personal communication with S. Hummel, 3/13/95). If the dried fruits are then cooked, further decrease of residues would be expected, therefore the cooking factor of 0.1X was applied to cooked forms of dried fruits. These assumptions were also applied to tomato processed products.

* tolerances for cucumbers, lettuce, mushrooms, tomatoes and turnip tops, recommended for revocation in the tolerance reassessment summary, were replaced in the chronic analyses with the tolerance of 0.5 ppm for the pest control use of naled. However, where specific anticipated residue information was available for the RAC, it was used in the DRES analyses instead of assuming the AR for the pest control use. It is recognized this introduces inconsistency between TMRC and ARC exposure estimates, in that these ARs reflect the agricultural use of naled on these crops whereas the tolerance assumed reflects the possibility of residues resulting from the pest control use. It should be kept in mind that with the exception of turnip tops and lettuce, the tolerances are the same.

* **Generation of naled and DDVP acute ARs:** using the table on pp. 23-25 in S. Hummel's memorandum of 9/12/94, the following process was followed for each commodity:

- a. Naled- naled chronic ARs in the first column were divided by the total residue (in naled equivalents) in the third column to establish the proportion of naled residues to the total; the tolerance recommended for in reregistration was then multiplied by this value to get the portion of the naled tolerance which was assumed to be naled per se for the DRES acute analysis
- b. DDVP- the proportion of total naled residues assumed to be DDVP was derived by subtracting the naled proportion value calculated above from 1 (e.g., if 1/3 of total residues is naled, 2/3 is DDVP); the recommended tolerance for each RAC was multiplied by this value, and then converted to DDVP equivalents by multiplying by 0.58 (the ratio of DDVP's molecular weight (220) to that of naled (380))

These adjusted "tolerances" were rounded off to two significant digits after the decimal point, unless the last digit was a 5. As with the chronic ARs, one half the LOD was assumed if residues were not detectable and a limit of detection was supplied; just as for the chronic ARs, for those RACs where no residues were supplied ("N/A" in the table), the tomato chronic AR ratio was used to generate ARs

for cucumbers, eggplants, melons, mushrooms and peppers, and the spinach ratio was assumed for collards, kale, and Swiss chard.

"Sapote" was included in the DRES chronic exposure analyses, but not the acute analyses; there is no code for "sapote" in mainframe DRES (where the programming for the DRES acute analysis resides).

- * the existing tolerance for "tangerines" should be revoked as part of reregistration and replaced with the crop group tolerance of 3.0 ppm for the "citrus" crop group. This recommendation should have been made in the Tolerance Reassessment Summary of the Residue Chemistry Chapter of the RED.

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 586

DATE: 03/22/95

PAGE: 1

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (Rfd/PR Committee)	Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.	ADI UF-->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 Rfd/PR reviewed 08/16/94 EPA verified 12/09/94 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)
01002AA	BLACKBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01002AA	BLACKBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01002AA	BLACKBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01003AA	BOYSENBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01003AA	BOYSENBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
01004AA	DEWBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
01005AA	LOGANBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01006AA	RASPBERRIES	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01006AA	RASPBERRIES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01006AA	RASPBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000100
01006AA	RASPBERRIES	70 RAW-FROZEN	NO PET#	P 0.500000	0.010000		1.00	0.000100
01007AA	RASPBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01009AA	BLUEBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001800		1.00	0.000100
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01010AA	CRANBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000		1.00	0.000100
01010AA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01010AA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000		1.00	0.000100
01011AA	CURRENTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01011AA	CURRENTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
01011AA	CURRENTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000100
01012AA	ELDERBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01013AA	GOOSEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
01014AA	GRAPES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000100
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000100
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.007000		1.00	0.000100
01014AA	GRAPES-RAISINS	21 COOKED-NFS	NO PET#	P 0.500000	0.007000		1.00	0.000077
01014AA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.007000		1.00	0.000077
01014AA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.007000		1.00	0.000077
01014AA	GRAPES-RAISINS	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.007000		1.00	0.000077
01014AA	GRAPES-RAISINS	21 COOKED-NFS	NO PET#	P 0.500000	0.007000		1.00	0.000077
01014AA	GRAPES-RAISINS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.005000		1.00	0.000050
01014AA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000		1.00	0.000050
01014AA	GRAPES-RAISINS	21 COOKED-NFS	NO PET#	P 0.500000	0.005000		1.00	0.000050
01014AA	GRAPES-RAISINS	70 RAW-FROZEN	NO PET#	P 0.500000	0.010000		1.00	0.000100
01014AA	GRAPES-RAISINS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215		2Yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm		Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-Yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)			
01025AA	MULBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100			
02001AA	CITRUS CITRON	22 COOKED-FRESH-BAKED	REREG	P 3.000000	0.000750		20.00	0.000150			
02002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 3.000000	0.007500		20.00	0.001500			
02002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.007500		20.00	0.001500			
02002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	7F0532	P 3.000000	0.000750		20.00	0.000150			
02002JA	GRAPEFRUIT-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02003AA	KUMQUATS	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.007500		20.00	0.001500			
02004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.000750		20.00	0.001500			
02004AB	LEMONS-PULP	22 COOKED-FRESH-BAKED	7F0532	P 3.000000	0.000750		20.00	0.001500			
02004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.000750		20.00	0.001500			
02004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.000750		20.00	0.000600			
02004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.030000		20.00	0.000600			
02004JA	LEMONS-JUICE	21 COOKED-NFS	7F0532	P 3.000000	0.003000		20.00	0.000200			
02004JA	LEMONS-JUICE	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02004JA	LEMONS-JUICE	21 COOKED-NFS	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02005AA	LIMES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 3.000000	0.007500		20.00	0.001500			
02005AB	LIMES-PULP	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.007500		20.00	0.001500			
02005AB	LIMES-PULP	21 COOKED-NFS	REREG	P 3.000000	0.003000		20.00	0.000600			
02005HA	LIMES-PEEL	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.001000C		20.00	0.000200			
02005JA	LIMES-JUICE	15 RAW-FRESH OR CANNED	REREG	P 3.000000	0.000200		20.00	0.000020			
02005JA	LIMES-JUICE	31 COOKED-FRESH OR CANNED	REREG	P 3.000000	0.000100C		20.00	0.000020			
02006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 3.000000	0.007500		20.00	0.001500			
02006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.007500		20.00	0.001500			
02006AB	ORANGES-PULP	21 COOKED-NFS	7F0532	P 3.000000	0.000750		20.00	0.000150			
02006HA	ORANGES-PEEL	21 COOKED-NFS	7F0532	P 3.000000	0.003000		20.00	0.000600			
02006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	7F0532	P 3.000000	0.003000		20.00	0.000600			
02006HA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.003000		20.00	0.000600			
02006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.003000		20.00	0.000200			
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000020			
02007AA	TANGELOS	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.000100C		20.00	0.000150			
02008AA	TANGERINES	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.007500		20.00	0.001500			
02008JA	TANGERINE-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
03001AA	ALMONDS	10 RAW-FRESH OR NFS	5F1614	P 0.500000	0.010000		1.00	0.000100			
03001AA	ALMONDS	21 COOKED-NFS	5F1614	P 0.500000	0.001000		1.00	0.000010			
03002AA	BRAZIL NUTS	22 COOKED-FRESH-BAKED	5F1614	P 0.500000	0.001000		1.00	0.000010			
03002AA	BRAZIL NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100			
03002AA	BRAZIL NUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			

ANTICIPATED RESIDUE INFORMATION FOR CASSELL NUMBER 586

DATE: 03/22/95

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (Rfd/PR Committee)	Brain, plasma & RBC Che inhibition. No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-Yr dog study is co-cr- tical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)
03003AA	CASHEWS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
03003AA	CASHEWS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
03004AA	CHESTNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
03005AA	FILBERTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
03005AA	FILBERTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
03005AA	FILBERTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
03006AA	HICKORY NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
03007AA	MACADAMIA NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
03008AA	PECANS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
03008AA	PECANS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
03008AA	PECANS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
03008AA	PECANS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010
03008AA	PECANS	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
03009AA	WALNUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000		1.00	0.000050
03009AA	WALNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.000500		1.00	0.000005
03009AA	WALNUTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.000500		1.00	0.000005
03010AA	BUTTER NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
03011AA	PISTACHIO NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
03013AA	BEECHNUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
04001AA	APPLES-FRESH	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04001AA	APPLES-FRESH	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.010000		1.00	0.000100
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000		1.00	0.000100
04002AA	APPLES-JUICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
04003AA	CRABAPPLES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04003AA	PEARS-FRESH	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
04003AA	PEARS-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
04004AA	QUINCES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
05001AA	APRICOTS-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100

ANTICIPATED RESIDUE INFORMATION FOR CASSELL NUMBER 586

DATE: 03/22/95

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg LEL= 2.0000 mg/kg 0.00 ppm	Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/47/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000C		1.00	0.000010
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
05002AA	CHERRIES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05002JA	CHERRIES-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000C		1.00	0.000100
05003AA	NECTARINES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.200000		1.00	0.002000
05004AA	PEACHES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.020000		1.00	0.000200
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.020000		1.00	0.000200
05004AA	PEACHES-FRESH	51 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.020000		1.00	0.000200
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.200000C		1.00	0.002000
05004DA	PEACHES-DRIED	21 COOKED-NFS	NO PET#	P 0.500000	0.020000C		1.00	0.000200
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
05005AA	PLUMS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05005DA	PLUMS-PRUNES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05005DA	PLUMS-PRUNES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000C		1.00	0.000010
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000100
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000C		1.00	0.000010
06001AA	AVOCADOS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
06002AA	BANANAS-UNSPEC	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
06002AB	BANANAS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
06002AB	BANANAS-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
06002DA	BANANAS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000100
06002DA	BANANAS-DRIED	21 COOKED-NFS	NO PET#	P 0.500000	0.001000C		1.00	0.000010
06003AA	COCONUT-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
06003DA	COCONUT-COPRA	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
06003DA	COCONUT-COPRA	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
06003DA	COCONUT-COPRA	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
06003DA	COCONUT-COPRA	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
06003JA	COCONUT-WATER	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
06004AA	DATES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
06004AA	DATES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
06004AA	DATES	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
06005AA	FIGS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
06005AA	FIGS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215		2yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (RfD/PR Committee)		Brain, plasma & RBC CHE inhibition. No evidence of carcinog- enicity in rats or mice.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-yr dog study is co-cri- tical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 On IRIS.	
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
06005AA	FIGS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06006AA	GUAVA	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06006AA	GUAVA	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06006AA	GUAVA	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06007AA	MANGOES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06007AA	MANGOES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06008AA	LOQUATS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06009AA	OLIVES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06009AA	OLIVES	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06009AA	OLIVES	21 COOKED-NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06010AA	PAPAYAS-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06010AB	PAPAYAS-PULP	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06010AB	PAPAYAS-PULP	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06010DA	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06010DA	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06011AA	PAPAYAS-JUICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06011AA	PAPAYAS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06012AA	PERSIMMONS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06013AA	PINEAPPLE-PULP	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06013AA	PINEAPPLE-PULP	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06013DA	PINEAPPLE-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06013JA	PINEAPPLE-JUICE	15 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06013JA	PINEAPPLE-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06013JA	PINEAPPLE-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000C		1.00	0.000010			
06013JA	PINEAPPLE-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000C		1.00	0.000010			
06014AA	PASSION FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06015AA	POMEGRANATES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06015AA	POMEGRANATES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
06017AA	LYCHES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06017DA	LYCHEE-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000C		1.00	0.000010			
06018AA	KIWI	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06020AA	ACEROLA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06021AA	GINKGO NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06022AA	MANEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06023AA	PITANGA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06024AA	SOURCOP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			
06025AA	SUGAR APPLES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010			

ANTICIPATED RESIDUE INFORMATION FOR CASSELL NUMBER 586

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (Rfd/PR Committee)	Brain, plasma & RBC CHE inhibition. No evidence of carcinog- enicity in rats or mice.	ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-yr dog study is co-cr- tical: NOEL/LEL for Brain (f), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)
06026AA	BREAD FRUIT	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
06027AA	BREAD NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
06028AA	SAPOTE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
06029AA	CARAMBOLA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
06030AA	CHERIMOYA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
06031AA	LONGAN FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
06033AA	GENIP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
07001FA	COCOA BUTTER	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
07001SA	CHOCOLATE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
07001SA	CHOCOLATE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
07001SA	CHOCOLATE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
07002AA	COFFEE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
07003AA	TEA	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
07006AA	CHICORY	21 COOKED-NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
08004AA	ANICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08006AA	BASIL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08007AA	CARRAWAY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08008AA	CASSIA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08011AA	CINNAMON	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08012AA	CLOVE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08013AA	CORIANDER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08014AA	CUMIN	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08015AA	DILL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08019AA	GINGER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08020AA	HOPS	21 COOKED-NFS	NO PET#	P 0.500000	0.004000		1.00	0.000040
08022AA	HORSERADISH	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.010000	to be reassessed	1.00	0.000100
08023AA	ROSEMARY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08026AA	MARJORAM	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08026AB	OREGANO	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08028AA	MUSTARD SEED	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.010000		1.00	0.000100
08028AA	MUSTARD SEED	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
08029AA	NUTMEG	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08029AB	SAGE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08035AA	SAVORY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08038AA	BAY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08042AA	THYME	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08043AA	TURMERIC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
08047AA	ALLSPICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
080480A	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.016500		1.00	0.000165

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg LEL= 2.0000 mg/kg 0.00 ppm	Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.	AD1 UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)
08049AA	POPPY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
10002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.008000		1.00	0.000080
10002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.008000		1.00	0.000080
10002AB	CANTALOUPE-PULP	21 COOKED-NFS	7F0532	P 0.500000	0.008000		1.00	0.000080
10003AA	CASABAS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.008000		1.00	0.000080
10004AA	CRENSHAW	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.008000		1.00	0.000080
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.008000		1.00	0.000080
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.008000		1.00	0.000080
10008AA	WATERMELON	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.008000		1.00	0.000080
10010AA	CUCUMBERS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.016500		1.00	0.000165
10010AA	CUCUMBERS	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.016500		1.00	0.000165
10010AA	CUCUMBERS	21 COOKED-NFS	NO PET#	P 0.500000	0.001650		1.00	0.000017
10011AA	PUMPKIN	21 COOKED-NFS	7F0532	P 0.500000	0.000800	to be reassessed	1.00	0.000008
10011AA	PUMPKIN	22 COOKED-FRESH-BAKED	7F0532	P 0.500000	0.000800	"	1.00	0.000008
10013AA	SQUASH-SUMMER	62 COOKED-FRESH OR FROZEN-BAKED	7F0532	P 0.500000	0.010000	"	1.00	0.000100
10013AA	SQUASH-SUMMER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.010000		1.00	0.000100
10014AA	SQUASH-WINTER	21 COOKED-NFS	7F0532	P 0.500000	0.010000		1.00	0.000100
10014AA	SQUASH-WINTER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.010000	to be reassessed	1.00	0.000100
10014AA	SQUASH-WINTER	21 COOKED-NFS	7F0532	P 0.500000	0.001000	"	1.00	0.000010
10017AA	BITTER MELON	21 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
10020AA	TOUERGOURD	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
11001AA	EGGPLANT	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.016500		8.00	0.000132
11001AA	EGGPLANT	21 COOKED-NFS	7F0532	P 0.500000	0.016500		8.00	0.000132
11001AA	EGGPLANT	25 COOKED-FRESH-FRIED	7F0532	P 0.500000	0.016500		8.00	0.000132
11003AA	PEPPERS, SWEET	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.001650		1.00	0.000017
11003AA	PEPPERS, SWEET	21 COOKED-NFS	7F0532	P 0.500000	0.001650		1.00	0.000017
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.016500		1.00	0.000165
11003AD	PEPPERS-OTHER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.016500		1.00	0.000165
11003AD	PEPPERS-OTHER	21 COOKED-NFS	7F0532	P 0.500000	0.016500		1.00	0.000165
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	7F0532	P 0.500000	0.016500		1.00	0.000165
11004AA	PIMIENTOS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.001650		1.00	0.000017
11004AA	PIMIENTOS	21 COOKED-NFS	7F0532	P 0.500000	0.001650		1.00	0.000017
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	7F0532	P 0.500000	0.000500		1.00	0.000050
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.000500		1.00	0.000005
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500		1.00	0.000005
11005JA	TOMATOES-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.005000C		1.00	0.000050
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000C		1.00	0.000005
11005JA	TOMATOES-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C		1.00	0.000005

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215		2yr feeding- rat NOEL= 0.2000 mg/kg LEL= 2.0000 mg/kg 0.00 ppm		Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)			
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000C	"	1.00	0.000050			
11005RA	TOMATOES-PUREE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005TA	TOMATOES-PASTE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005			
11005UA	TOMATOES-CATSUP	21 COOKED-NFS	NO PET#	P 0.500000	0.010000	"	1.00	0.000100			
11006AA	GROUNDCHERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000	"	2.00	0.000020			
13001AA	BETS-TOPS	31 COOKED-FRESH OR CANNED	REREG	P 0.500000	0.001000	"	2.00	0.000020			
13001AA	BETS-TOPS	63 COOKED-FRESH OR FROZEN-BOILED	REREG	P 0.500000	0.004000	"	15.00	0.000600			
13002AA	CELERY	10 RAW-FRESH OR NFS	REREG	P 1.000000	0.004000	"	15.00	0.000600			
13002AA	CELERY	21 COOKED-NFS	REREG	P 1.000000	0.000400	"	1.00	0.000100			
13003AA	CHICORY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000	"	1.00	0.000100			
13003AA	BROCCOLI	21 COOKED-NFS	REREG	P 0.100000	0.000500	"	5.00	0.000025			
13003AA	BROCCOLI	31 COOKED-FRESH OR CANNED	REREG	P 0.100000	0.000500	"	5.00	0.000025			
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	REREG	P 0.100000	0.000500	"	5.00	0.000025			
13005AA	BROCCOLI	21 COOKED-NFS	REREG	P 0.100000	0.000500	"	33.00	0.000165			
13006AA	BRUSSEL SPROUTS	23 COOKED-FRESH-BOILED	REREG	P 0.100000	0.000500	"	33.00	0.000165			
13007AA	CABBAGE	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.005000	to be reassessed	20.00	0.001000			
13007AA	CABBAGE	11 RAW-FRESH-PICKLED, CORNED, OR CURED	7F0532	P 1.000000	0.005000	"	20.00	0.001000			
13007AA	CABBAGE	21 COOKED-NFS	7F0532	P 1.000000	0.000500	"	20.00	0.000100			
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.005000	"	5.00	0.000250			
13008AA	CAULIFLOWER	21 COOKED-NFS	7F0532	P 1.000000	0.000500	"	5.00	0.000025			
13009AA	COLLARDS	51 COOKED-CANNED	NO PET#	P 3.000000	0.001000	"	25.00	0.000250			
13009AA	COLLARDS	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 3.000000	0.001000	"	25.00	0.000250			
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.005000	"	20.00	0.001000			
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	7F0532	P 1.000000	0.000500	"	20.00	0.000100			
13011AA	KALE	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 3.000000	0.001500	"	10.00	0.000150			
13012AA	KOHLRABI	21 COOKED-NFS	NO PET#	P 0.500000	0.001000	"	10.00	0.000100			
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000	"	1.00	0.000050			
13013AA	LETTUCE-LEAFY	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 0.500000	0.001000	"	1.00	0.000010			
13014AA	DANDELION	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000	"	1.00	0.000100			
13015AA	ENDIVE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000	"	1.00	0.000010			
13015AA	ENDIVE	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 1.000000	0.004000	"	15.00	0.000600			
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000	"	1.00	0.000100			
13017AA	ARTICHOKE-GLOBE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000	"	1.00	0.000010			
13018AA	LETTUCE-UMSPEC	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000	"	1.00	0.000010			
13020AA	MUSTARD GREENS	21 COOKED-NFS	NO PET#	P 0.500000	0.005000	"	1.00	0.000050			
13021AA	MUSTARD GREENS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000	"	10.00	0.000100			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 586

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom)		2Yr feeding- rat		Brain, plasma & RBC CHE inhibition.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-Yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 On IRIS.	
Caswell #586		NOEL= 0.2000 mg/kg									
CAS No. 300-76-5		0.00 ppm									
A.I. CODE: 034401		LEL= 2.0000 mg/kg									
CFR No. 180.215		0.00 ppm		No evidence of carcinogenicity in rats or mice.							
ONCO: E (RfD/PR Committee)											

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
13021AA	MUSTARD GREENS	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 0.500000	0.001000		10.00	0.000100
13022AA	PARSLEY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
13022AA	PARSLEY	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
13022AA	PARSLEY	53 COOKED-CANNED-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010
13023AA	RHUBARB	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
13023AA	RHUBARB	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
13023AA	RHUBARB	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
13023AA	RHUBARB	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
13024AA	SPINACH	10 RAW-FRESH OR NFS	REREG	P 5.000000	0.015000		1.00	0.000150
13024AA	SPINACH	21 COOKED-NFS	REREG	P 5.000000	0.001500		1.00	0.000015
13024AA	SPINACH	31 COOKED-FRESH OR CANNED	REREG	P 5.000000	0.001500		1.00	0.000015
13025AA	SWISS CHARD	10 RAW-FRESH OR NFS	REREG	P 5.000000	0.001000		10.00	0.000010
13025AA	SWISS CHARD	31 COOKED-FRESH OR CANNED	REREG	P 5.000000	0.000100		10.00	0.000010
13025AA	SWISS CHARD	63 COOKED-FRESH OR FROZEN-BOILED	REREG	P 5.000000	0.000100		10.00	0.000010
13026AA	TURNIPS-TOPS	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.010000		1.00	0.000010
13026AA	TURNIPS-TOPS	21 COOKED-NFS	REREG	P 3.000000	0.001000		1.00	0.000010
13026AA	TURNIPS-TOPS	31 COOKED-FRESH OR CANNED	REREG	P 3.000000	0.001000		1.00	0.000010
13027AA	WATERCRESS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
13027AA	WATERCRESS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
13034AA	TARO-GREENS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
13039AA	CRESS, UPLAND	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	NO PET#	P 1.000000	0.005000		1.00	0.000005
13045AA	LETTUCE-HEAD	21 COOKED-NFS	NO PET#	P 1.000000	0.000500		1.00	0.000005
13047AA	LAMBSQUARTER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000		1.00	0.000010
13048AA	CACTUS PADS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
13049AA	GRAPES-LEAVES	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
13999AA	LEAFY ORIENT. VEG	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
14001AA	BETTS-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
14001AA	BETTS-ROOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
14001AA	BETTS-ROOTS	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.001000		1.00	0.000010
14001AA	BETTS-ROOTS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
14003AA	CARROTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000010
14003AA	CARROTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
14003AA	CARROTS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
14003AA	CARROTS	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
14004AA	CELERIC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
14005AA	CHIVES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
14006AA	TARO-ROOT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100
14007AA	GARLIC	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100

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	PET.#	RESIDUE (ppm)	AR STATISTIC TYPE	% CROP IREATED	IN IAS RUN (ppm)
FOOD CODE		(ppm)			
FOOD FORM					

14007AA	GARLIC	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14007ZA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED		NO PET# P 0.500000	0.001000	1.00	0.000010
14009AA	ARTICHOKES-JER	00 NOT SPECIFIED (NO CONSUMPTION)		NO PET# P 0.500000	0.010000	1.00	0.000100
14010AA	LEEKS	31 COOKED-FRESH OR CANNED		NO PET# P 0.500000	0.001000	1.00	0.000010
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000100
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED		NO PET# P 0.500000	0.001000	1.00	0.000010
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED		NO PET# P 0.500000	0.001000	1.00	0.000010
14011DA	ONIONS-DRIED	12 RAW-FRESH DRIED		NO PET# P 0.500000	0.010000	1.00	0.000100
14013AA	POTATO(WH)-WHOLE	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000010
14013AA	POTATO(WH)-WHOLE	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14013AA	POTATO(WH)-WHOLE	22 COOKED-FRESH-BAKED		NO PET# P 0.500000	0.001000	1.00	0.000010
14013AB	POTATO(MH)-UNSPD	22 COOKED-FRESH-BAKED		NO PET# P 0.500000	0.001000	1.00	0.000010
14013AC	POTATO(WH)-PULP	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000018
14013AC	POTATO(WH)-PULP	22 COOKED-FRESH-BAKED		NO PET# P 0.500000	0.001000	1.00	0.000010
14013AC	POTATO(WH)-PULP	23 COOKED-FRESH-BOILED		NO PET# P 0.500000	0.001000	1.00	0.000010
14013AD	POTATO(WH)-PULP	25 COOKED-FRESH-FRIED		NO PET# P 0.500000	0.001000	1.00	0.000010
14013DA	POTATO(WH)-DRY	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000100
14013HA	POTATO(WH)-PEEL	31 COOKED-FRESH OR CANNED		NO PET# P 0.500000	0.001000	1.00	0.000010
14014AB	RADISHES-TOPS	22 COOKED-FRESH-BAKED		NO PET# P 0.500000	0.010000	1.00	0.000100
14014AB	RADISHES-TOPS	00 NOT SPECIFIED (NO CONSUMPTION)		NO PET# P 0.500000	0.010000	1.00	0.000100
14015AA	RUTABAGAS-ROOTS	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000100
14015AA	RUTABAGAS-ROOTS	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14016AA	RUTABAGAS-TOPPS	00 NOT SPECIFIED (NO CONSUMPTION)		NO PET# P 0.500000	0.001000	1.00	0.000010
14017AA	SALSIFY	21 COOKED-NFS		NO PET# P 0.500000	0.010000	1.00	0.000010
14017AA	SHALLOTS	00 NOT SPECIFIED (NO CONSUMPTION)		NO PET# P 0.500000	0.010000	1.00	0.000010
14018AA	SWEET POTATOEES	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14018AA	SWEET POTATOEES	31 COOKED-FRESH OR CANNED		NO PET# P 0.500000	0.001000	1.00	0.000010
14018AA	SWEET POTATOEES	51 COOKED-CANNED		NO PET# P 0.500000	0.010000	1.00	0.000010
14019AA	TURNIPS-ROOTS	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000100
14019AA	TURNIPS-ROOTS	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14021AA	PARSNIPS	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14024AA	YAMBEAN, TUBER	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000010
14026AA	CASSAVA	21 COOKED-NFS		NO PET# P 0.500000	0.001000	1.00	0.000010
14026AB	CASSAVA	23 COOKED-FRESH-BOILED		NO PET# P 0.500000	0.010000	1.00	0.000010
14026AB	TAPIOCA	10 RAW-FRESH OR NFS		NO PET# P 0.500000	0.010000	1.00	0.000010
14026AB	TAPIOCA	31 COOKED-FRESH OR CANNED		NO PET# P 0.500000	0.001000	1.00	0.000010
14030AA	PAUSLEY ROOTS	00 NOT SPECIFIED (NO CONSUMPTION)		NO PET# P 0.500000	0.010000	1.00	0.000100

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat MOEL= 0.2000 mg/kg LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (RfD/PR Committee)	Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)
14031AA	WATER CHESTNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
14031AA	WATER CHESTNUTS	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.000500		1.00	0.000005
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.000500		1.00	0.000005
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15001AE	BEANS-DRY-NAVY	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.000500		1.00	0.000005
15001AE	BEANS-DRY-OTHER	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	REREG	P 0.050000	0.000500		1.00	0.000005
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.000500		1.00	0.000005
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15003AA	BEANS-SUCC-LIMA	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15003AA	BEANS-SUCC-GREEN	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15003AC	BEANS-SUCC-MAX	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000010
15004AA	CORN, POP	21 COOKED-NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
15005AA	CORN, SWEET	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15005AA	CORN, SWEET	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15005AA	CORN, SWEET	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15006AA	PEANUTS-WHOLE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15007AA	PEAS DRY-GARDEN	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15007AA	PEAS DRY-GARDEN	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.001000		1.00	0.000010
15009AA	PEAS SUCC-GARDEN	21 COOKED-NFS	REREG	P 0.050000	0.001000		1.00	0.000010
15009AA	PEAS SUCC-GARDEN	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.001000		1.00	0.000010
15011AA	LENTILES-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15011AB	LENTILES-SPLIT	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000500		1.00	0.000050
15013AA	MUNG BEANS	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000050
15015AA	OKRA	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15015AA	OKRA	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15018AA	SUNFLOWER-SEEDS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15020AA	CAROB	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15020AA	CAROB	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15020AA	CAROB	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15021AA	ALFALFA SPROUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100

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FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.000500		1.00	0.000005
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.005000		1.00	0.000050
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	REREG	P 0.050000	0.005000		1.00	0.000005
15026AA	SESAME SEEDS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
15026AA	SESAME SEEDS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
15027AA	BEANS-UNSPEC	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15028AA	PINENUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
15028AA	PINENUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000010
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.000500		1.00	0.000005
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.005000		1.00	0.000050
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15032AA	BEANS-DRY	21 COOKED-NFS	REREG	P 0.050000	0.000500		1.00	0.000005
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.000500		1.00	0.000005
16002AA	ASPARAGUS	23 COOKED-NFS	NO PET#	P 0.500000	0.000100		1.00	0.000010
16002AA	ASPARAGUS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010
16003AA	MUSHROOMS	10 RAW-FRESH OR NFS	1E1100	P 0.500000	0.008000		1.00	0.000080
16003AA	MUSHROOMS	21 COOKED-NFS	1E1100	P 0.500000	0.000800		1.00	0.000008
16003AA	MUSHROOMS	31 COOKED-FRESH OR CANNED	1E1100	P 0.500000	0.000800		1.00	0.000008
16004AA	MUSHROOMS	53 COOKED-CANNED-BOILED	1E1100	P 0.500000	0.000800		1.00	0.000008
16004AA	ONIONS-GREEN	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100
16004AA	ONIONS-GREEN	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
16004AA	ONIONS-GREEN	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
16007AA	POKE GREENS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
16008AA	BAMBOO SHOOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24001AA	BARLEY	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002EA	CORN, GRAIN-ENDO	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002EA	CORN, GRAIN-ENDO	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002EA	CORN, GRAIN-ENDO	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002EA	CORN, GRAIN-ENDO	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002EA	CORN, GRAIN-ENDO	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002SA	CORN, GRAIN-BRAN	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002SA	CORN SUGAR	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24002SA	CORN SUGAR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
24003AA	OATS	22 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
24003AA	OATS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
24003AA	OATS	23 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010
24004AA	RICE-ROUGH	21 COOKED-NFS	7F0532	P 0.500000	0.002500		1.00	0.000025
24004AA	RICE-ROUGH	23 COOKED-FRESH-BOILED	7F0532	P 0.500000	0.002500		1.00	0.000025
24004AB	RICE-MILLED	21 COOKED-NFS	7F0532	P 0.500000	0.002500		1.00	0.000025

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom)		2Yr feeding- rat		Brain, plasma & RBC CHE inhibition.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-Yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 On IRIS.	
Caswell #586 CAS No. 300-76-5 A.I. CODE: 034A01 CFR No. 180.215		NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm		No evidence of carcinogenicity in rats or mice.							
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
26001AA	BUCKWHEAT	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
26001AA	BUCKWHEAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
26001AA	BUCKWHEAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
26011AA	GUAR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270010A	CASTOR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270020A	CORN, GRAIN-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270030A	COTTONSEED-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.000500		1.00	0.000005			
270030A	COTTONSEED-MEAL	18 PROCESSED OIL	NO PET#	P 0.500000	0.000500		1.00	0.000005			
27004AA	FLAX SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100			
270070A	PEANUTS-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.010000		1.00	0.000100			
270080A	SAFFLOWER-SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.010000		1.00	0.000100			
270080A	SAFFLOWER-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270090A	SESAME-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270100A	SOYBEANS-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270110A	SUNFLOWER-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270150A	COCOAUT-OIL	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100			
270150A	COCOAUT-OIL	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270150A	COCOAUT-OIL	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270150A	COCOAUT-OIL	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270150A	COCOAUT-OIL	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270160A	OLIVE OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270170A	RAPE SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.001000		1.00	0.000010			
270190A	PALM OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AA	SOYBEANS-UNSPEC	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AA	SOY-FL, FULL FAT	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023AA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WB	SOY-FL, LOW FAT	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	22 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	51 COOKED-CANNED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28023WC	SOY-FL, DEFAT	53 COOKED-CANNED-BOILED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28024AB	ORNTL NLEAF VEG	21 COOKED- NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
28040AA	SEEDS-OTHER	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 586

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215	2yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (RfD/PR Committee)	Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.	ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000	No data gaps. 1-Yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.	EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 06/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53003AA	GOAT-LEAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.001000		1.00	0.000010
53004AA	RABBIT	21 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53005BA	SHEEP-MEAT BYP	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005BA	SHEEP-OTH ORGAN	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005FA	SHEEP-FAT	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005LA	SHEEP-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005LA	SHEEP-LIVER	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005MA	SHEEP-LEAN	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BA	PORK-MEAT BYP	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BA	PORK-OTH ORGAN	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BA	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006LA	PORK-KIDNEY	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006LA	PORK-LIVER	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53010AA	FISH-UNSPEC	21 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53013AA	FISH-SHELL	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010
53013AA	FISH-SHELL	21 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53013AA	FISH-SHELL	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53014AA	MEAT, GAME	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53015AA	FISH-ROE, CAVIAR	21 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53015AA	FISH-ROE, CAVIAR	21 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010
53016AA	FISH, FIN-FRESH	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom) Caswell #586 CAS No. 300-76-5 A.I. CODE: 034401 CFR No. 180.215		2Yr feeding- rat NOEL= 0.2000 mg/kg 0.00 ppm LEL= 2.0000 mg/kg 0.00 ppm ONCO: E (RfD/PR Committee)		Brain, plasma & RBC CHE inhibition. No evidence of carcinogenicity in rats or mice.		ADI UF -->100 Opp RfD= 0.002000 EPA RfD= 0.002000		No data gaps- 1-Yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 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)			
53017AA	FISH, FIN-SALT	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.010000		1.00	0.000100			
53017AA	FISH, FIN-SALT	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		1.00	0.000010			
53017AA	FISH, FIN-SALT	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.001000		1.00	0.000010			
53017DA	FISH, FIN-SLT-DRY	12 RAW-FRESH-DRIED	NO PET#	P 0.500000	0.010000		1.00	0.000010			
53017DA	FISH, FIN-SLT-DRY	21 COOKED-NFS	NO PET#	P 0.500000	0.001000		10.00	0.000050			
55008BA	TURKEY-BYP	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008LA	TURKEY ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MB	TURKEY+SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MC	TURKEY-UNSPEC	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013BA	POULTRY, OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013BA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013MA	POULTRY, OTHER	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		10.00	0.000050			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 586

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
Naled (Dibrom)		2yr feeding- rat		Brain, plasma & RBC CHE inhibition.		ADI UF -->100 OPP RfD= 0.002000 EPA RfD= 0.002000		No data gaps. 1-yr dog study is co-critical: NOEL/LEL for Brain (F), plasma & RBC (M & F) is 0.2 & 2 mg/kg/day, respectively.		EPA verified 07/22/86 HED reassess 03/17/87 EPA verified 04/15/87 RfD/PR reviewed 08/18/94 EPA verified 12/09/94 On IRIS.	
Caswell #586		NOEL= 0.2000 mg/kg									
CAS No. 300-76-5		0.00 ppm									
A.I. CODE: 034401		LEL= 2.0000 mg/kg									
CFR No. 180.215		0.00 ppm		No evidence of carcinogenicity in rats or mice.							
		ONCO: E (RfD/PR Committee)									

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	NO PET#	P 0.050000	0.000500		10.00	0.000050
55015MB	CHICKEN+SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050

Attachment 1B

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 9992ZZ

DATE: 03/22/95

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP	from Naled	1yr feeding- dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M.	OPP RfD= 0.000500 EPA RfD= 0.000000	UF -->100					
CAS No.	Caswell #992ZZZ	LEL= 0.1000 mg/kg		Evidence of oncogenicity in rats (pancreas, leuk.)							
A.I. CODE:		0.00 ppm									
CFR No.		ONCO: C (HED); C (SAP)		and mice (stomach)	Q*: 0.12200						
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
01002AA	BLACKBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01002AA	BLACKBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01002AA	BLACKBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01003AA	BOYSENBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01003AA	BOYSENBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01005AA	LOGANBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01006AA	RASPBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01006AA	RASPBERRIES	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01006AA	RASPBERRIES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01006AA	RASPBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01006AA	RASPBERRIES	70 RAW-FROZEN	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01007AA	YOUNGBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01009AA	BLUEBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01009AA	BLUEBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01009AA	BLUEBERRIES	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01009AA	BLUEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01010AA	CRANBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01010AA	CRANBERRIES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01010AA	CRANBERRIES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.026000C		1.00	0.000260			
01010AA	CRANBERRY-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.000026		1.00	0.000026			
01010JA	CRANBERRY-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600C		1.00	0.000260			
01010JA	CRANBERRY-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01011AA	CURRANTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01011AA	CURRANTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01012AA	ELDERBERRIES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01013AA	GOOSEBERRIES	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
01014AA	GRAPES-FRESH	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000500		11.00	0.000055			
01014AA	GRAPES-FRESH	21 COOKED-NFS	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014AA	GRAPES-FRESH	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014AA	GRAPES-RAISINS	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014DA	GRAPES-RAISINS	21 COOKED-NFS	REREG	P 0.050000	0.000350C		11.00	0.000039			
01014DA	GRAPES-RAISINS	22 COOKED-FRESH-BAKED	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014JA	GRAPES-JUICE	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014JA	GRAPES-JUICE	15 RAW-FRESH OR CANNED	REREG	P 0.050000	0.003500C		11.00	0.000385			
01014JA	GRAPES-JUICE	21 COOKED-NFS	REREG	P 0.050000	0.003500C		11.00	0.000385			
01015AA	HUCKLEBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			
01016AA	STRAWBERRIES	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.150000		10.00	0.015000			
01016AA	STRAWBERRIES	21 COOKED-NFS	7F0532	P 1.000000	0.015000		10.00	0.015000			
01016AA	STRAWBERRIES	70 RAW-FROZEN	7F0532	P 1.000000	0.150000		10.00	0.015000			
01024AA	JUNEBOERRY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #9992ZZ	1yr feeding- dog	NOEL=	Plasma & RBC CHE inhibition in M.F. Brain CHE inhibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100	OPP RfD= 0.000500 EPA-RfD= 0.000000				
CAS No.		0.0500 mg/kg	0.00 ppm								
A.I. CODE:		0.1000 mg/kg	0.00 ppm								
CR No.		0.00 ppm	0.00 ppm								
ONCO: C (HED); C (SAP)											
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
01025AA	MULBERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260			
02001AA	CITRUS CITRON	22 COOKED-FRESH-BAKED	REREG	P 3.000000	0.000400		20.00	0.000080			
02002AA	GRAPEFRUIT-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 3.000000	0.004000		20.00	0.000800			
02002AB	GRAPEFRUIT-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.004000		20.00	0.000800			
02002AB	GRAPEFRUIT-PULP	21 COOKED-NFS	7F0532	P 3.000000	0.000400		20.00	0.000080			
02002JA	GRAPEFRUIT-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02002JA	GRAPEFRUIT-JUICE	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02003AA	KUMQUATS	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.004000		20.00	0.000800			
02004AA	LEMONS-UNSPEC	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.004000		20.00	0.000800			
02004AA	LEMONS-UNSPEC	22 COOKED-FRESH-BAKED	7F0532	P 3.000000	0.004000		20.00	0.000800			
02004AB	LEMONS-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.004000		20.00	0.000800			
02004AB	LEMONS-PULP	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.000400		20.00	0.000080			
02004HA	LEMONS-PEEL	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.020000		20.00	0.004000			
02004HA	LEMONS-PEEL	21 COOKED-NFS	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02004JA	LEMONS-JUICE	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02004JA	LEMONS-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02004JA	LEMONS-JUICE	21 COOKED-NFS	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02004JA	LEMONS-JUICE	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.000100C		20.00	0.000020			
02005AA	LIMES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 3.000000	0.004000		20.00	0.000800			
02005AB	LIMES-PULP	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.004000		20.00	0.000800			
02005HA	LIMES-PEEL	21 COOKED-NFS	REREG	P 3.000000	0.002000		20.00	0.000400			
02005JA	LIMES-JUICE	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.001000C		20.00	0.000200			
02005JA	LIMES-JUICE	15 RAW-FRESH OR CANNED	REREG	P 3.000000	0.001000C		20.00	0.000200			
02005JA	LIMES-JUICE	31 COOKED-FRESH OR CANNED	REREG	P 3.000000	0.000100C		20.00	0.000020			
02006AA	ORANGES-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 3.000000	0.004000		20.00	0.000800			
02006AB	ORANGES-PULP	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.004000		20.00	0.000800			
02006AB	ORANGES-PULP	21 COOKED-NFS	7F0532	P 3.000000	0.000400		20.00	0.000080			
02006HA	ORANGES-PEEL	21 COOKED-NFS	7F0532	P 3.000000	0.002000		20.00	0.000400			
02006HA	ORANGES-PEEL	22 COOKED-FRESH-BAKED	7F0532	P 3.000000	0.002000		20.00	0.000400			
02006JA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.002000		20.00	0.000400			
02006JA	ORANGES-PEEL	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.002000		20.00	0.000400			
02006JA	ORANGES-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02006JA	ORANGES-JUICE	31 COOKED-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
02007AA	TANGELOS	10 RAW-FRESH OR NFS	REREG	P 3.000000	0.004000		20.00	0.000800			
02008AA	TANGERINES	10 RAW-FRESH OR NFS	7F0532	P 3.000000	0.004000		20.00	0.000800			
02008JA	TANGERINE-JUICE	15 RAW-FRESH OR CANNED	7F0532	P 3.000000	0.001000C		20.00	0.000200			
03001AA	ALMONDS	10 RAW-FRESH OR NFS	5F1614	P 0.500000	0.005000		1.00	0.000050			
03001AA	ALMONDS	21 COOKED-NFS	5F1614	P 0.500000	0.000500		1.00	0.000005			
03002AA	BRAZIL NUTS	22 COOKED-FRESH-BAKED	5F1614	P 0.500000	0.000500		1.00	0.000005			
03002AA	BRAZIL NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
03002AA	BRAZIL NUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #9992ZZ	1yr feeding- dog	NOEL= 0.0500 mg/kg	Plasma & RBC Che inhibi-	ion in M&F; Brain Che in-	UF -->100	OPP RfD= 0.000500				
CAS No.	A.I. CODE:	LEL=	0.1000 mg/kg	Evidence of oncogenicity	in rats (pancreas, leuk.)	q+:	0.12200				
CFR No.	ONCO: C (HED); C (SAP)		0.00 ppm	and mice (stomach)							

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
03003AA	CASHEWS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
03003AA	CASHEWS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
03004AA	CHESTNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
03005AA	FILBERTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
03005AA	FILBERTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
03005AA	FILBERTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260
03006AA	HICKORY NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
03007AA	MACADAMIA NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
03008AA	PECANS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
03008AA	PECANS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
03008AA	PECANS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
03008AA	PECANS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
03008AA	PECANS	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002900		1.00	0.000029
03009AA	WALNUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.000290		1.00	0.000003
03009AA	WALNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.000290		1.00	0.000003
03010AA	WALNUTS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260
03011AA	BUTTER NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
03011AA	PISTACHIO NUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
03013AA	BEECHNUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
04001AA	APPLES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
04001AA	APPLES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
04001AA	APPLES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
04001AA	APPLES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
04001DA	APPLES-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000260
04001DA	APPLES-DRIED	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600C		1.00	0.000260
04001DA	APPLES-DRIED	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600C		1.00	0.000260
04001DA	APPLES-DRIED	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.026000C		1.00	0.000260
04001JA	APPLES-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600C		1.00	0.000260
04002AA	CRABAPPLES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
04003AA	PEARS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
04003AA	PEARS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
04003AA	PEARS-FRESH	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
04003AA	PEARS-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
04003DA	PEARS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000260
04003DA	PEARS-DRIED	21 COOKED-NFS	NO PET#	P 0.500000	0.002600C		1.00	0.000260
04004AA	QUINCES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
05001AA	APRICOTS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
05001AA	APRICOTS-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
05001AA	APRICOTS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
05001DA	APRICOTS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000260

CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP	from Naled Caswell #99922Z	1yr feeding- dog	NOEL=	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M.	UF -->100	OPP RfD= 0.000500					
CAS No.			0.0500 mg/kg			EPA RfD= 0.000000					
A.I. CODE:		LEL=	0.1000 mg/kg	Evidence of oncogenicity in rats (pancreas, leuk.)							
CFR No.		0.00 ppm		and mice (stomach)	Q*: 0.12200						
ONCO: C (HED); C (SAP)											
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAs RUN (ppm)			
05001DA	APRICOTS-DRIED	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
05002AA	CHERRIES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
05002AA	CHERRIES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
05002AA	CHERRIES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
05002AA	CHERRIES-FRESH	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
05002DA	CHERRIES-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000C		1.00	0.000260			
05002JA	CHERRIES-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.026000C		1.00	0.000260			
05002JA	CHERRIES-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
05003AA	NECTARINES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
05004AA	PEACHES-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.390000		1.00	0.000390			
05004AA	PEACHES-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.039000		1.00	0.000390			
05004AA	PEACHES-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.039000		1.00	0.000390			
05004AA	PEACHES-FRESH	51 COOKED-CANNED	NO PET#	P 0.500000	0.039000		1.00	0.000390			
05004DA	PEACHES-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.390000C		1.00	0.000390			
05004DA	PEACHES-DRIED	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
05005AA	PLUMS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000260			
05005DA	PLUMS-PRUNES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
05005DA	PLUMS-PRUNES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000260			
05005JA	PRUNE-JUICE	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
05005JA	PRUNE-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06001AA	AVOCADOS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06002AA	BANANAS-UNSPEC	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06002AB	BANANAS-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06002AB	BANANAS-FRESH	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06002DA	BANANAS-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000260			
06002DA	BANANAS-DRIED	21 COOKED-NFS	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
06003AA	COCONUT-FRESH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06003DA	COCONUT-COPRA	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06003DA	COCONUT-COPRA	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06003DA	COCONUT-COPRA	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06003DA	COCONUT-COPRA	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06003JA	COCONUT-WATER	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06004AA	DATES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06004AA	DATES	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06005AA	FIGS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
06005AA	FIGS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled Caswell #9992ZZZ CAS No. A.I. CODE: CFR No.		1yr feeding- dog NOEL= 0.00 LEL= 0.1000 mg/kg 0.00 ppm		Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000					
ONCO: C (HED); C (SAP)						Q*: 0.12200					
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
06005AA	FIGS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06006AA	GUAVA	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06006AA	GUAVA	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06006AA	GUAVA	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06007AA	MANGOES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06007AA	MANGOES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06008AA	LOQUATS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06009AA	OLIVES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06009AA	OLIVES	11 RAW-FRESH-PICKLED,CORNED,OR CURED	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06009AA	OLIVES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06010AA	PAPAYAS-UNSPEC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06010AB	PAPAYAS-PULP	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06010AB	PAPAYAS-PULP	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06010AB	PAPAYAS-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06010DA	PAPAYAS-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06010DA	PAPAYAS-JUICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06011AA	PAPAYAS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06012AA	PERSIMMONS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06013AA	PINEAPPLE-PULP	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06013AA	PINEAPPLE-PULP	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06013AA	PINEAPPLE-PULP	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06013DA	PINEAPPLE-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06013JA	PINEAPPLE-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06013JA	PINEAPPLE-JUICE	15 RAW-FRESH OR CANNED	NO PET#	P 0.500000	0.000026		1.00	0.000026			
06013JA	PINEAPPLE-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600C		1.00	0.000026			
06013JA	PINEAPPLE-JUICE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06014AA	PASSION FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06015AA	POMEGRANATES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06015AA	POMEGRANATES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06016AA	PLANTAINS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06016AA	PLANTAINS	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
06017AA	LYCHEES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06017DA	LYCHEE-DRIED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000C		1.00	0.000026			
06018AA	KIWI	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06020AA	ACEROLA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06021AA	GINKGO NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06022AA	MANEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06023AA	PITANGA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06024AA	SOURSOP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			
06025AA	SUGAR APPLES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000026			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 999222

DATE: 03/22/95

PAGE: 6

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #999222 CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEI= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC Che inhibi- tion in M&F; Brain Che in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000 Q*: 0.12200		

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
06026AA	BREAD FRUIT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
06027AA	BREAD NUTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
06028AA	SAPOTE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
06029AA	CARAMBOLA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
06030AA	CHERIMOYA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
06031AA	LONGAN FRUIT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
06033AA	GENIP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
07001FA	COCOA BUTTER	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
07001SA	CHOCOLATE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
07001SA	CHOCOLATE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
07001SA	CHOCOLATE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
07002AA	COFFEE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
07003AA	TEA	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
07006AA	CHICORY	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
08004AA	ANISE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08006AA	BASIL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08007AA	CARRAWAY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08008AA	CASSIA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08011AA	CINNAMON	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08012AA	CLOVE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08013AA	CORLANDER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08014AA	CUMIN	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08015AA	DILL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08019AA	GINGER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08020AA	HOPS	21 COOKED-NFS	NO PET#	P 0.500000	0.002000		1.00	0.000020
08022AA	HORSERADISH	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.026000		1.00	0.000260
08023AA	ROSEMARY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08026AA	MARJORAM	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08026AA	OREGANO	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08028AA	MUSTARD SEED	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.026000		1.00	0.000260
08028AA	MUSTARD SEED	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
08029AA	MUSTARD SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08029AA	MUSTARD SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08035AA	SAGE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08036AA	SAVORY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08038AA	BAY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08042AA	THYME	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08043AA	TURNERIC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08047AA	ALLSPICE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
08048DA	PAPRIKA	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.019000		1.00	0.000190

to be reassessed

CHEMICAL			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	Plasma & RBC Che inhibi-										
Caswell #9992ZZZ	NOEL=	tion in M&F; Brain Che in-										
CAS No.	0.0500 mg/kg	hibition in M.										
A.I. CODE:	0.00 ppm	Evidence of oncogenicity										
CFR No:	LEL=	in rats (pancreas, leuk.)										
	0.1000 mg/kg	and mice (stomach)										
	0.00 ppm											
	ONCO: C (HED); C (SAP)											
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)				
08049AA	POPPY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260				
10002AA	CANTALOUPE-UNSP	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.009600		1.00	0.000096				
10002AB	CANTALOUPE-PULP	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.009600		1.00	0.000096				
10002AB	CANTALOUPE-PULP	21 COOKED-NFS	7F0532	P 0.500000	0.000960		1.00	0.000010				
10003AA	CASABAS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.009600		1.00	0.000096				
10004AA	CRENSHAW	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.009600		1.00	0.000096				
10005AA	HONEYDEW MELONS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.009600		1.00	0.000096				
10007AA	PERSION MELONS	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.009600		1.00	0.000096				
10008AA	WATERMELON	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.009600		1.00	0.000096				
10010AA	CUCUMBERS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.019000		1.00	0.000190				
10010AA	CUCUMBERS	11 RAW-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.019000		1.00	0.000190				
10010AA	CUCUMBERS	21 COOKED-NFS	NO PET#	P 0.500000	0.001900		1.00	0.000019				
10011AA	PUMPKIN	21 COOKED-NFS	7F0532	P 0.500000	0.000960	to be reassessed	1.00	0.000010				
10011AA	PUMPKIN	22 COOKED-FRESH-BAKED	7F0532	P 0.500000	0.000960	"	1.00	0.000010				
10013AA	SQUASH-SUMMER	62 COOKED-FRESH OR FROZEN-BAKED	7F0532	P 0.500000	0.000960	"	1.00	0.000010				
10013AA	SQUASH-SUMMER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.035000	to be reassessed	1.00	0.000350				
10014AA	SQUASH-WINTER	21 COOKED-NFS	7F0532	P 0.500000	0.035000	"	1.00	0.000350				
10014AA	SQUASH-WINTER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.035000	"	1.00	0.000350				
10014AA	SQUASH-WINTER	21 COOKED-NFS	7F0532	P 0.500000	0.003500	"	1.00	0.000035				
10017AA	BITTER MELON	21 COOKED-NFS	NO PET#	P 0.500000	0.003500	"	1.00	0.000035				
10020AA	TOMELCOURD	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.035000		1.00	0.000350				
11001AA	EGGPLANT	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.019000		1.00	0.000152				
11001AA	EGGPLANT	21 COOKED-NFS	7F0532	P 0.500000	0.001900		1.00	0.000019				
11001AA	EGGPLANT	25 COOKED-FRESH-FRIED	7F0532	P 0.500000	0.001900		1.00	0.000019				
11003AA	PEPPERS, SWEET	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.019000		1.00	0.000190				
11003AA	PEPPERS, SWEET	21 COOKED-NFS	7F0532	P 0.500000	0.001900		1.00	0.000019				
11003AB	CHILI PEPPERS	00 NOT SPECIFIED (NO CONSUMPTION)	7F0532	P 0.500000	0.019000		1.00	0.000190				
11003AB	CHILI PEPPERS	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.019000		1.00	0.000190				
11003AD	PEPPERS-OTHER	21 COOKED-NFS	7F0532	P 0.500000	0.001900		1.00	0.000019				
11003AD	PEPPERS-OTHER	51 COOKED-CANNED	7F0532	P 0.500000	0.001900		1.00	0.000019				
11004AA	PEPPERS-OTHER	10 RAW-FRESH OR NFS	7F0532	P 0.500000	0.019000		1.00	0.000190				
11004AA	PIMIENTOS	21 COOKED-NFS	7F0532	P 0.500000	0.001900		1.00	0.000019				
11004AA	PIMIENTOS	31 COOKED-FRESH OR CANNED	7F0532	P 0.500000	0.001900		1.00	0.000019				
11005AA	TOMATOES-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000		1.00	0.000050				
11005AA	TOMATOES-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500		1.00	0.000005				
11005AA	TOMATOES-WHOLE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000500		1.00	0.000005				
11005JA	TOMATOES-JUICE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000C		1.00	0.000050				
11005JA	TOMATOES-JUICE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C		1.00	0.000005				

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #99922Z CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg LEL= 0.1000 mg/kg ONCO: C (HED); C (SAP)	Plasma & RBC Che inhibi- tion in M&F; Brain Che in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000 Q*: 0.12200		

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
11005RA	TOMATOES-PUREE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.005000C	"	1.00	0.000050
11005RA	TOMATOES-PUREE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005RA	TOMATOES-PUREE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005RA	TOMATOES-PUREE	32 COOKED-FRESH OR CANNED-BAKED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005RA	TOMATOES-PUREE	51 COOKED-CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005TA	TOMATOES-PASTE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005TA	TOMATOES-PASTE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005TA	TOMATOES-PASTE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11005TA	TOMATOES-PASTE	21 COOKED-NFS	NO PET#	P 0.500000	0.000500C	"	1.00	0.000005
11006AA	GROUNDCHERRIES	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600	"	1.00	0.000026
13001AA	BETTS-TOPS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600	"	1.00	0.000026
13001AA	BETTS-TOPS	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 0.500000	0.002600	"	1.00	0.000026
13002AA	CELERY	10 RAW-FRESH OR NFS	REREG	P 1.000000	0.008000	"	15.00	0.001200
13002AA	CELERY	21 COOKED-NFS	REREG	P 0.500000	0.002600	"	1.00	0.000260
13003AA	CHICORY	10 RAW-FRESH OR NFS	REREG	P 0.100000	0.005000	"	5.00	0.000250
13003AA	BROCCOLI	21 COOKED-NFS	REREG	P 0.100000	0.005000	"	5.00	0.000250
13005AA	BROCCOLI	31 COOKED-FRESH OR CANNED	REREG	P 0.100000	0.005000	"	5.00	0.000250
13005AA	BROCCOLI	63 COOKED-FRESH OR FROZEN-BOILED	REREG	P 0.100000	0.005000	"	5.00	0.000250
13006AA	BROCCOLI	21 COOKED-NFS	REREG	P 0.100000	0.005000	"	33.00	0.001650
13006AA	BRUSSEL SPROUTS	23 COOKED-FRESH-BOILED	REREG	P 0.100000	0.005000	"	33.00	0.001650
13007AA	CABBAGE	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.050000	to be reassesd	20.00	0.010000
13007AA	CABBAGE	11 RAW-FRESH-PICKLED, CORNED, OR CURED	7F0532	P 1.000000	0.050000	"	20.00	0.010000
13007AA	CABBAGE	21 COOKED-NFS	7F0532	P 1.000000	0.050000	"	20.00	0.010000
13008AA	CAULIFLOWER	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.050000	"	5.00	0.002500
13008AA	CAULIFLOWER	21 COOKED-NFS	7F0532	P 1.000000	0.050000	"	5.00	0.002500
13009AA	COLLARDS	51 COOKED-CANNED	NO PET#	P 3.000000	0.029000	"	25.00	0.007250
13009AA	COLLARDS	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 3.000000	0.029000	"	25.00	0.007250
13010AA	CABBAGE-CHINESE	10 RAW-FRESH OR NFS	7F0532	P 1.000000	0.050000	"	20.00	0.010000
13010AA	CABBAGE-CHINESE	21 COOKED-NFS	7F0532	P 1.000000	0.050000	"	20.00	0.010000
13011AA	KALE	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 3.000000	0.042000	"	10.00	0.004200
13011AA	KOHLRABI	21 COOKED-NFS	NO PET#	P 3.000000	0.002600	"	1.00	0.000260
13013AA	LETTUCE-LEAFY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.370000	"	1.00	0.003700
13014AA	DANDELION	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 0.500000	0.002600	"	1.00	0.000260
13015AA	ENDIVE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000	"	1.00	0.000260
13015AA	ENDIVE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600	"	1.00	0.000260
13016AA	FENNEL	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 1.000000	0.080000	"	15.00	0.000800
13017AA	CRESS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000	"	1.00	0.000260
13018AA	ARTICHOKE-GLOBE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600	"	1.00	0.000260
13020AA	LETTUCE-UNSPEC	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.370000	"	1.00	0.003700
13021AA	MUSTARD GREENS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600	"	10.00	0.000260

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #999222 CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	OPR RfD= 0.000500 EPA RfD= 0.000000 Q*: 0.12200		

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
13021AA	MUSTARD GREENS	63 COOKED-FRESH OR FROZEN-BOILED	NO PET#	P 0.500000	0.002600		10.00	0.000260
13022AA	PARSLEY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
13022AA	PARSLEY	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
13022AA	PARSLEY	53 COOKED-CANNED-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
13023AA	RHUBARB	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
13023AA	RHUBARB	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
13023AA	RHUBARB	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
13023AA	RHUBARB	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
13024AA	SPINACH	10 RAW-FRESH OR NFS	REREG	P 5.000000	0.570000		1.00	0.005700
13024AA	SPINACH	21 COOKED-NFS	REREG	P 5.000000	0.057000		1.00	0.000570
13024AA	SPINACH	31 COOKED-FRESH OR CANNED	REREG	P 5.000000	0.028000		10.00	0.000280
13025AA	SWISS CHARD	10 RAW-FRESH OR NFS	REREG	P 5.000000	0.002800		10.00	0.000280
13025AA	SWISS CHARD	63 COOKED-FRESH OR FROZEN-BOILED	REREG	P 5.000000	0.002800		1.00	0.000280
13026AA	TURNIPS-TOPS	10 RAW-FRESH OR NFS	REREG	P 0.500000	0.026000		1.00	0.000260
13026AA	TURNIPS-TOPS	21 COOKED-NFS	REREG	P 0.500000	0.002600		1.00	0.000026
13026AA	TURNIPS-TOPS	31 COOKED-FRESH OR CANNED	REREG	P 0.500000	0.002600		1.00	0.000260
13027AA	WATERCRESS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
13027AA	WATERCRESS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
13034AA	TARO-GREENS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
13035AA	CRESS, UPLAND	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
13045AA	LETTUCE-HEAD	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.370000		1.00	0.003700
13045AA	LETTUCE-HEAD	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
13047AA	LAMBSQUARTER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
13048AA	CACTUS PADS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
13049AA	GRAPES-LEAVES	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
13999AA	LEAFY ORIENT VEG	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14001AA	BEETS-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14001AA	BEETS-ROOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14001AA	BEETS-ROOTS	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14001AA	BEETS-ROOTS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000260
14001AA	BEETS-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14003AA	CARROTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14003AA	CARROTS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14003AA	CARROTS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14003AA	CARROTS	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14004AA	CELERIAC	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14005AA	CHIVES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14006AA	TARO-ROOT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14007AA	GARLIC	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260

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FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
14007AA	GARLIC	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14007AA	GARLIC	32 COOKED-FRESH OR CANNED-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14009AA	ARTICHOKES-JER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14010AA	LEEKs	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.026000		1.00	0.000026
14011AA	ONIONS-DRY-BULB	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14011AA	ONIONS-DRY-BULB	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14011AA	ONIONS-DRY-BULB	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14011AA	ONIONS-DRY-BULB	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000260
14011DA	ONIONS-DRIED	12 RAW-FRESH-DRIED	NO PET#	P 0.500000	0.026000		1.00	0.000260
14013AA	POTATO(UH)-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
14013AA	POTATO(UH)-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AA	POTATO(UH)-WHOLE	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AB	POTATO(UH)-PULP	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AC	POTATO(UH)-PULP	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AC	POTATO(UH)-PULP	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AC	POTATO(UH)-PULP	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14013AC	POTATO(UH)-PULP	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.026000		1.00	0.000260
14013DA	POTATO(UH)-DRY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
14013DA	POTATO(UH)-DRY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000260
14013HA	POTATO(UH)-PEEL	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.026000		1.00	0.000260
14014AA	RADISHES-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14014AB	RADISHES-TOPS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14015AA	RUTABAGAS-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14015AA	RUTABAGAS-ROOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14015AB	RUTABAGAS-TOPS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
14016AA	SALSIFY	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14017AA	SHALLOTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
14018AA	SWEETPOTATOES	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14018AA	SWEETPOTATOES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14019AA	TURNIPS-ROOTS	51 COOKED-CANNED	NO PET#	P 0.500000	0.026000		1.00	0.000260
14019AA	TURNIPS-ROOTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
14021AA	PARSNIPS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14024AA	YAMBEAN,TUBER	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14026AA	CASSAVA	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14026AB	TAPIOCA	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000260
14026AB	TAPIOCA	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
14028AA	YAUTIA, TANINIER	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
14030AA	PARSLEY ROOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260
14030AA	PARSLEY ROOTS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.0

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 999ZZZ

DATE: 03/22/95

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #999ZZZ	1yr feeding- dog	NOEL= 0.0500 mg/kg	plasma & RBC che inhibi-	ion in M&F; Brain che in-	UF -->100	OPP RfD= 0.000500				
CAS No.		0.00 ppm		hibition in M.			EPA RfD= 0.000000				
A.I. CODE:		0.1000 mg/kg		Evidence of oncogenicity,							
CFR No.		0.00 ppm		in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)							

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
14031AA	WATER CHESTNUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
14031AA	WATER CHESTNUTS	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15001AA	BEANS-DRY-GRT NO	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.002600		1.00	0.000026
15001AB	BEANS-DRY-KIDNEY	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026
15001AB	BEANS-DRY-KIDNEY	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.002600		1.00	0.000026
15001AC	BEANS-DRY-LIMA	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026
15001AD	BEANS-DRY-NAVY	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026
15001AE	BEANS-DRY-OTHER	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.002600		1.00	0.000026
15001AE	BEANS-DRY-OTHER	25 COOKED-FRESH-FRIED	REREG	P 0.050000	0.002600		1.00	0.000026
15001AF	BEANS-DRY-PINTO	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026
15002AA	BEANS-SUCC-LIMA	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15002AA	BEANS-SUCC-LIMA	21 COOKED-NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15003AB	BEANS-SUCC-OTH	10 RAW-FRESH OR NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15003AB	BEANS-SUCC-OTH	21 COOKED-NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15003AC	BEANS-SUCC-WAX	21 COOKED-NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15004AA	CORN,POP	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15005AA	CORN,SWEET	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15005AA	CORN,SWEET	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15006AA	PEANUTS-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15006AA	PEANUTS-WHOLE	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15007AA	PEAS DRY-GARDEN	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15007AA	PEAS DRY-GARDEN	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15009AA	PEAS SUCC-GARDEN	21 COOKED-NFS	REREG	P 0.050000	0.000600		1.00	0.000006
15009AA	PEAS SUCC-GARDEN	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.000600		1.00	0.000006
15011AA	LENTILES-WHOLE	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15011AB	LENTILES-SPLIT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15013AA	MUNG BEANS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15013AA	MUNG BEANS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15015AA	OKRA	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15018AA	SUNFLOWER-SEEDS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15020AA	CAROB	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
15020AA	CAROB	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
15021AA	ALFALFA SPROUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260

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ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 9992ZZ

DATE: 03/22/95

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CHEMICAL			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP	from Mated	1yr feeding- dog	Plasma & RBC CHE inhibi-	UF -->100								
Caswell #9992ZZ		NOEL= 0.0500 mg/kg	tion in M&F; Brain CHE in-	OPP RfD= 0.000500								
CAS No.		0.00 ppm	hibition in M.	EPA RfD= 0.000000								
A.I. CODE:		LEL= 0.1000 mg/kg	Evidence of oncogenicity									
CFR No.		0.00 ppm	in rats (pancreas, leuk.)									
		ONCO: C (HEP); C (SAP)	and mice (stomach)	Q*: 0.12200								
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)				
15022AA	BEANS-DRY-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.002600		1.00	0.000026				
15022AB	BEANS-SUCC-BROAD	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.006000		1.00	0.000060				
15023AA	BEANS-DRY-PIGEON	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026				
15026AA	SESAME SEEDS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260				
15026AA	SESAME SEEDS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
15027AA	BEANS-UNSPEC	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026				
15028AA	PINEUTS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260				
15028AA	PINEUTS	21 COOKED-NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260				
15029AA	SOYBEAN-SPROUTED	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.002600		1.00	0.000026				
15030AA	BEANS-DRY-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.006000		1.00	0.000060				
15030AB	BEANS-SUCC-HYAC	00 NOT SPECIFIED (NO CONSUMPTION)	REREG	P 0.050000	0.002600		1.00	0.000026				
15031AA	BLKEYE PEAS-DRY	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026				
15032AA	BEANS-DRY	21 COOKED-NFS	REREG	P 0.050000	0.002600		1.00	0.000026				
15032AA	BEANS-DRY	31 COOKED-FRESH OR CANNED	REREG	P 0.050000	0.002600		1.00	0.000026				
16002AA	ASPARAGUS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
16002AA	ASPARAGUS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
16003AA	MUSHROOMS	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.009600		1.00	0.000096				
16003AA	MUSHROOMS	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.000960		1.00	0.000010				
16003AA	MUSHROOMS	53 COOKED-CANNED-BOILED	NO PET#	P 0.500000	0.000960		1.00	0.000010				
16004AA	ONIONS-GREEN	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260				
16004AA	ONIONS-GREEN	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
16004AA	ONIONS-GREEN	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
16007AA	POKE GREENS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
16008AA	BAMBOO SHOOTS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24001AA	BARLEY	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002EA	CORN, GRAIN-ENDO	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002EA	CORN, GRAIN-ENDO	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002EA	CORN, GRAIN-ENDO	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002EA	CORN, GRAIN-ENDO	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002EA	CORN, GRAIN-ENDO	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002SA	CORN SUGAR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002SA	CORN SUGAR	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24002SA	CORN SUGAR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24003AA	OATS	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24003AA	OATS	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24003AA	OATS	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000260				
24004AA	RICE-ROUGH	21 COOKED-NFS	NO PET#	P 0.500000	0.025000		1.00	0.000250				
24004AA	RICE-ROUGH	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.025000		1.00	0.000250				
24004AB	RICE-MILLED	21 COOKED-NFS	NO PET#	P 0.500000	0.025000		1.00	0.000250				

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 9992ZZ

DATE: 03/22/95

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CHEMICAL			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #9992ZZ	1yr feeding- dog	NOEL=	0.0500 mg/kg	plasma & RBC che inhibi- tion in M&F; Brain che in- hibition in M.	UF -->100	OPP RfD= 0.000500	EPA RfD= 0.000000				
CAS No.		LEL=	0.1000 mg/kg		Evidence of oncogenicity in rats (pancreas, leuk.)							
A.I. CODE:		0.00 ppm										
CFR No.		ONCO: C (HEP); C (SAP)										
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)				
24004AB	RICE-MILLED	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.025000		1.00	0.000250				
24004AB	RICE-MILLED	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.025000		1.00	0.000250				
24004AB	RICE-MILLED	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.025000		1.00	0.000250				
24005AA	RYE-ROUGH	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24005AA	RYE-ROUGH	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24005AA	RYE-ROUGH	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24005AA	RYE-FLOUR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24005AA	RYE-FLOUR	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24006AA	WHEAT-ROUGH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007AA	WHEAT-ROUGH	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007AA	WHEAT-ROUGH	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007AA	WHEAT-ROUGH	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007AA	WHEAT-ROUGH	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007GA	WHEAT-GERM	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007GA	WHEAT-GERM	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-BRAN	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-BRAN	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-BRAN	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24007HA	WHEAT-FLOUR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24012AA	MILLET	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
24012AA	MILLET	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25001AA	HONEY	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25001AA	HONEY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25001AA	HONEY	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25001AA	HONEY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25002SA	BEET SUGAR	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25002SA	BEET SUGAR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25002SA	BEET SUGAR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25002SA	BEET SUGAR	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SA	CANE SUGAR	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SA	CANE SUGAR	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SA	CANE SUGAR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SA	CANE SUGAR	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SB	SUGAR-MOLASSES	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SB	SUGAR-MOLASSES	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SB	SUGAR-MOLASSES	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25003SB	SUGAR-MOLASSES	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25004SA	MAPLE SYRUP	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026				
25004SA	MAPLE SYRUP	21 COOKED-FRESH	NO PET#	P 0.500000	0.002600		1.00	0.000026				

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CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #9992ZZ CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000 Q*: 0.12200		

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
26001AA	BUCKWHEAT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
26001AA	BUCKWHEAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
26001AA	BUCKWHEAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
26011AA	GUAR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
270010A	CASTOR BEANS	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
270020A	CORN, GRAIN-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.000100		1.00	0.000001
270030A	COTTONSEED-OIL	18 PROCESSED OIL	REREG	P 0.050000	0.000500		1.00	0.000005
270030A	COTTONSEED-MEAL	18 PROCESSED OIL	REREG	P 0.050000	0.000500		1.00	0.000005
27004AA	FLAX SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
270070A	PEANUTS-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
270080A	SAFFLOWER-SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.005000		1.00	0.000050
270080A	SAFFLOWER-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.000500		1.00	0.000005
270090A	SESAME-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
270100A	SOYBEANS-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
270110A	SUNFLOWER-OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
270150A	COCONUT-OIL	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
270150A	COCONUT-OIL	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
270150A	COCONUT-OIL	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
270150A	COCONUT-OIL	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
270150A	COCONUT-OIL	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
270160A	OLIVE OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
27017AA	RAPE SEED	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
270190A	PALM OIL	18 PROCESSED OIL	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AA	SOYBEANS-UNSPEC	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	SOYBEANS-DRY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	SOYBEANS-DRY	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	SOYBEANS-DRY	23 COOKED-FRESH-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	SOYBEANS-DRY	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	SOYBEANS-DRY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AA	SOY-FL, FULL FAT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AA	SOY-FL, FULL FAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AA	SOY-FL, FULL FAT	31 COOKED-FRESH OR CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023MB	SOY-FL, LOW-FAT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023MC	SOY-FL, DEFAT	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023MC	SOY-FL, DEFAT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023MC	SOY-FL, DEFAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023MC	SOY-FL, DEFAT	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28023AB	ORNTL NOLEAF VEG	53 COOKED-CANNED-BOILED	NO PET#	P 0.500000	0.002600		1.00	0.000026
28040AA	SEEDS-OTHER	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #999ZZZ CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC CHE inhibition in M&F; Brain CHE inhibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000 Q*: 0.12200		

FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
280800A	PEPPERMINT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
280800A	PEPPERMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
280810A	SPEARMINT	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.026000		1.00	0.000260
280810A	SPEARMINT-OIL	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.500000	0.002600		1.00	0.000026
430570A	VINEGAR	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
430570A	VINEGAR	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
430580A	WINE AND SHERRY	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.003500		11.00	0.000385
430580A	WINE AND SHERRY	21 COOKED-NFS	NO PET#	P 0.500000	0.003500		11.00	0.000385
430590A	DIST ALCOHOL	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
430600A	GELATIN	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000026
430600A	GELATIN	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
500000B	MILK-NON-FAT SOL	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.002500		5.00	0.000125
500000B	MILK-NON-FAT SOL	21 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
500000B	MILK-NON-FAT SOL	51 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
500000F	MILK-FAT SOL IDS	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.002500		5.00	0.000125
500000F	MILK-FAT SOL IDS	21 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
500000F	MILK-FAT SOL IDS	51 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
500000A	MILK-SUG (LACT)	21 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
500000A	MILK-SUG (LACT)	51 COOKED-NFS	NO PET#	P 0.050000	0.000250		5.00	0.000013
530018A	BEEF-MEAT BYP	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-MEAT BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018B	BEEF-OTH ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018B	BEEF-OTH ORGAN	51 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018B	BEEF-OTH ORGAN	21 COOKED-CANNED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018B	BEEF-OTH ORGAN	51 COOKED-CANNED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-DRIED	21 COOKED-NFS	NO PET#	P 0.050000	0.025000		25.00	0.000625
530018A	BEEF-DRIED	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.025000		25.00	0.000625
530018A	BEEF-FAT	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-FAT	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-FAT	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-FAT	24 COOKED-FRESH-BROILED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-FAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-FAT	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-KIDNEY	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LIVER	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LIVER	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LIVER	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.025000		25.00	0.000625
530018A	BEEF-LEAN	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LEAN	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LEAN	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LEAN	24 COOKED-FRESH-BROILED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530018A	BEEF-LEAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		25.00	0.000625
530028A	GOAT-MEAT BYP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
530028A	GOAT-OTH ORGAN	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP - from Naled	Caswell #99922Z	1yr feeding- dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	OPR RfD= 0.000500	UF -->100				
CAS No.		LEL= 0.1000 mg/kg		Evidence of oncogenicity	in rats (pancreas, leuk.)	EPA RfD= 0.000000					
A.I. CODE:		0.00 ppm									
CFR No.		ONCO: C (HED); C (SAP)									

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	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002FA	GOAT-FAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002KA	GOAT-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002LA	GOAT-LIVER	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002MA	GOAT-LEAN	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53002MA	GOAT-LEAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53003AA	HORSE	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53004AA	RABBIT	21 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002600		1.00	0.000026
53004AA	RABBIT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002600		1.00	0.000026
53005BA	SHEEP-MEAT BYP	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005BB	SHEEP-OTH ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005FA	SHEEP-FAT	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005LA	SHEEP-KIDNEY	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005MA	SHEEP-LIVER	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53005MA	SHEEP-LEAN	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BA	PORK-MEAT BYP	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BB	PORK-OTH ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006BB	PORK-OTH ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006FA	PORK-FAT	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006KA	PORK-KIDNEY	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006LA	PORK-LIVER	21 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006LA	PORK-LIVER	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	25 COOKED-NFS	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	26 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53006MA	PORK-LEAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.002500		10.00	0.000250
53010AA	FISH-UNSPEC	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53013AA	FISH-SHELL	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53013AA	FISH-SHELL	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53013AA	FISH-SHELL	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
53014AA	MEAT, GAME	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53014AA	MEAT, GAME	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026
53015AA	FISH-ROE, CAVIAR	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53015AA	FISH-ROE, CAVIAR	51 COOKED-CANNED	NO PET#	P 0.500000	0.002600		1.00	0.000026
53016AA	FISH, FIN-FRESH	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026
53016AA	FISH, FIN-FRESH	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled Caswell #999ZZZ CAS No. A.I. CODE: CFR No.		1yr feeding- dog NOEL= 0.0500 mg/kg LEL= 0.1000 mg/kg 0.00 ppm		Plasma & RBC Che inhibi- tion in M&F; Brain Che in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000					
ONCO: C (HED); C (SAP)						Q*: 0.12200					
FOOD CODE	FOOD	FOOD FORM	PET.#	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)			
53017AA	FISH, FIN-SALT	10 RAW-FRESH OR NFS	NO PET#	P 0.500000	0.026000		1.00	0.000260			
53017AA	FISH, FIN-SALT	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
53017AA	FISH, FIN-SALT	25 COOKED-FRESH-FRIED	NO PET#	P 0.500000	0.002600		1.00	0.000026			
53017AA	FISH, FIN-SALT	12 RAW-FRESH-DRIED	NO PET#	P 0.500000	0.026000		1.00	0.000260			
53017DA	FISH, FIN-SLT-DRY	21 COOKED-NFS	NO PET#	P 0.500000	0.002600		1.00	0.000026			
53017DA	FISH, FIN-SLT-DRY	21 COOKED-NFS	NO PET#	P 0.500000	0.000500		10.00	0.000050			
55008BA	TURKEY-BYP	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008BA	TURKEY-BYP	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008LA	TURKEY ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008LA	TURKEY ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MA	TURKEY W/O SKIN	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MB	TURKEY+SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MB	TURKEY+SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55008MC	TURKEY-UNSPEC	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013BA	POULTRY, OTH-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013LA	POULTRY, ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55013MA	POULTRY, OTHER	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55014AA	EGGS-WHOLE	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	23 COOKED-FRESH-BOILED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AA	EGGS-WHOLE	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	62 COOKED-FRESH OR FROZEN-BAKED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AB	EGGS-WHITE ONLY	81 COOKED-FROZEN	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	10 RAW-FRESH OR NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55014AC	EGGS-YOLK ONLY	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		8.30	0.000041			
55015BA	CHICKEN-BYP	00 NOT SPECIFIED (NO CONSUMPTION)	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015LA	CHICKEN-ORGAN	26 COOKED-FRESH-PICKLED, CORNED, OR CURED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	22 COOKED-FRESH-BAKED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050			
55015MA	CHICKEN-W/O SKIN	31 COOKED-FRESH OR CANNED	NO PET#	P 0.050000	0.000500		10.00	0.000050			

ANTICIPATED RESIDUE INFORMATION FOR CASWELL NUMBER 9992ZZ

DATE: 03/22/95

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CHEMICAL		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled		1yr feeding- dog		Plasma & RBC CHE inhibi-		UF -->100					
Caswell #992ZZ		NOEL=	0.0500 mg/kg	ion in M&F; Brain CHE in-		OPP RfD= 0.000500					
CAS No.			0.00 ppm	hibition in M.		EPA RfD= 0.000000					
A.I. CODE:		LEL=	0.1000 mg/kg	Evidence of oncogenicity							
CFR No.			0.00 ppm	in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		q*: 0.12200					

FOOD CODE	FOOD	FOOD FORM	PET. #	TOLERANCE (ppm)	ANTICIPATED RESIDUE (ppm)	AR STATISTIC TYPE	% CROP TREATED	RES. VALUE USED IN TAS RUN (ppm)
55015MA	CHICKEN-W/O SKIN	53 COOKED-CANNED-BOILED	NO PET#	P 0.050000	0.000500		10.00	0.000050
55015MB	CHICKEN+SKIN	21 COOKED-NFS	NO PET#	P 0.050000	0.000500		10.00	0.000050
55015MB	CHICKEN+SKIN	25 COOKED-FRESH-FRIED	NO PET#	P 0.050000	0.000500		10.00	0.000050

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

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #99922Z CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC Che inhibi- tion in M&F; Brain Che in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	OPF RfD= 0.000500 EPA RfD= 0.000000 UF -->100 Q*: 0.12200		

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY)		NEW TMRC	DIFFERENCE		EFFECT OF ANTICIPATED RESIDUES	
	CURRENT TMRC*	NEW TMRC**	AS PERCENT OF RFD	AS PERCENT OF RFD	ARC	%RFD	
U.S. POPULATION - 48 STATES	0.013937	0.013937	2787.374800	0.000000	0.000006	1.27540	
U.S. POPULATION - SPRING SEASON	0.013782	0.013782	2756.404400	0.000000	0.000007	1.37360	
U.S. POPULATION - SUMMER SEASON	0.013442	0.013442	2688.492800	0.000000	0.000007	1.33200	
U.S. POPULATION - FALL SEASON	0.014058	0.014058	2811.506600	0.000000	0.000006	1.17800	
U.S. POPULATION - WINTER SEASON	0.014368	0.014368	2873.668400	0.000000	0.000006	1.21560	
NORTHEAST REGION	0.016117	0.016117	3223.365600	0.000000	0.000007	1.33080	
NORTH CENTRAL REGION	0.013713	0.013713	2742.501200	0.000000	0.000006	1.27640	
SOUTHERN REGION	0.012088	0.012088	2417.555600	0.000000	0.000006	1.13420	
WESTERN REGION	0.014398	0.014398	2879.613000	0.000000	0.000007	1.44180	
HISPANICS	0.016972	0.016972	3394.388200	0.000000	0.000007	1.30200	
NON-HISPANIC WHITES	0.013590	0.013590	2718.071600	0.000000	0.000006	1.28960	
NON-HISPANIC BLACKS	0.014069	0.014069	2813.738200	0.000000	0.000006	1.12800	
NON-HISPANIC OTHERS	0.018155	0.018155	3631.050600	0.000000	0.000008	1.55640	
NURSING INFANTS (< 1 YEAR OLD)	0.016044	0.016044	3208.720400	0.000000	0.000004	0.75440	
NON-NURSING INFANTS (< 1 YEAR OLD)	0.034465	0.034465	6892.997600	0.000000	0.000010	2.09300	
FEMALES (13+ YEARS, PREGNANT)	0.010921	0.010921	2184.188200	0.000000	0.000005	1.00700	
FEMALES 13+ YEARS, NURSING	0.011762	0.011762	2352.400000	0.000000	0.000006	1.14720	
CHILDREN (1-6 YEARS OLD)	0.033950	0.033950	6789.952000	0.000000	0.000012	2.39300	
CHILDREN (7-12 YEARS OLD)	0.020367	0.020367	4073.336200	0.000000	0.000009	1.79020	
MALES (13-19 YEARS OLD)	0.012307	0.012307	2461.489200	0.000000	0.000006	1.16740	
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.011266	0.011266	2253.160000	0.000000	0.000005	1.07800	
MALES (20 YEARS AND OLDER)	0.009354	0.009354	1870.729600	0.000000	0.000005	1.02180	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.010477	0.010477	2095.397600	0.000000	0.000005	1.06940	

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

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/22/95

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #99922Z	1yr feeding- dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M.	OPP RfD= 0.000500 EPA RfD= 0.000000	UF -->100					
CAS No.		NOEL=	0.00 ppm	Evidence of oncogenicity in rats (pancreas, leuk.)							
A.I. CODE:		LEI=	0.1000 mg/kg	and mice (stomach)							
CFR No.		ONCO: C (HEP); C (SAP)	0.00 ppm		0*: 0.12200						

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	XRFD	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	XRFD	ARC ONCO RISK
01025AA	MULBERRIES 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
03011AA	PISTACHIO NUTS 10 RAW-FRESH OR NFS	0.500	P	0.000127	0.025	0.00000001549	0.00026	0.000000	0.000	0.000000000000
06001AA	AVOCADOS 10 RAW-FRESH OR NFS	0.500	P	0.006268	1.254	0.00000076470	0.00026	0.000003	0.001	0.00000000037
06002AA	BANANAS-UNSPECIFIED 22 COOKED-FRESH-BAKED	0.500	P	0.001649	0.330	0.00000020118	0.00003	0.000000	0.000	0.000000000000
06002AB	BANANAS-FRESH 10 RAW-FRESH OR NFS	0.500	P	0.112019	22.404	0.00001366632	0.00026	0.000051	0.010	0.0000000622
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
06002DA	BANANAS-DRIED 31 COOKED-FRESH OR CANNED	0.500	P	0.000875	0.175	0.00000010675	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
06003AA	COCONUT-FRESH 21 COOKED-NFS	0.500	P	0.000096	0.019	0.00000001171	0.00026	0.000000	0.000	0.000000000000
06003DA	COCONUT-COPRA 10 RAW-FRESH OR NFS	0.500	P	0.001350	0.270	0.00000016470	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED					0.00003	0.00003	0.000000	0.000	0.000000000000
06003JA	COCONUT-WATER 62 COOKED-FRESH OR FROZEN-BAKED	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06004AA	DATES 10 RAW-FRESH OR NFS	0.500	P	0.000333	0.067	0.00000004063	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED					0.00003	0.00003	0.000000	0.000	0.000000000000
06005AA	FIGS 10 RAW-FRESH OR NFS	0.500	P	0.001392	0.278	0.00000016982	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED					0.00003	0.00003	0.000000	0.000	0.000000000000
06006AA	GUAVA 10 RAW-FRESH OR NFS	0.500	P	0.000047	0.009	0.000000000573	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED					0.00003	0.00003	0.000000	0.000	0.000000000000
06007AA	MANGOS 62 COOKED-FRESH OR FROZEN-BAKED	0.500	P	0.000277	0.055	0.00000003379	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS					0.00003	0.00003	0.000000	0.000	0.000000000000
06008AA	LOQUATS 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000

CHEMICAL INFORMATION			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #9992ZZ	CAS No.	1yr feeding- dog	NOEL=	Plasma & RBC CHE inhibition in M&F; Brain CHE inhibition in M.	Uf -->100	OPP RfD= 0.000500	EPA RfD= 0.000000				
A.I. CODE:			NOEL=	0.00 ppm	Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	Q*:	0.12200					
CFR No.			ONCO: C (HED); C (SAP)									
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		
06009AA	OLIVES	0.500	P	0.001588	0.318	0.00000019374	0.00026	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS						0.00026	0.000001	0.000	0.00000000012		
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000		
06010AA	PAPAYAS-UNSPECIFIED	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000		
06010AB	PAPAYAS-PULP	0.500	P	0.000669	0.134	0.00000008162	0.00026	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000		
06010DA	PAPAYAS-DRIED	0.500	P	0.000864	0.173	0.00000010541	0.00026	0.000000	0.000	0.00000000000		
06010LA	PAPAYAS-JUICE	0.500	P	0.002290	0.458	0.00000027938	0.00026	0.000001	0.000	0.00000000012		
06011AA	PAPAYAS	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000		
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.00000000000		
06012AA	PERSIMMONS	0.500	P	0.000200	0.040	0.00000002440	0.00026	0.000000	0.000	0.00000000000		
06013AA	PINEAPPLE-FRESH, PULP	0.500	P	0.015414	3.083	0.00000188051	0.00026	0.000003	0.001	0.00000000037		
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000		
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000		
06013DA	PINEAPPLE-DRIED	0.500	P	0.000062	0.012	0.00000000756	0.00026	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS						0.00026	0.000000	0.000	0.00000000000		
06013JA	PINEAPPLE-FRESH, JUICE	0.500	P	0.031605	6.321	0.00000385581	0.00026	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS						0.00026	0.000004	0.001	0.00000000049		
	15 RAW-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000		
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000		
06014AA	PASSION FRUIT (GRANDILLA)	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000		
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.00000000000		
06015AA	POMEGRANATES	0.500	P	0.000041	0.008	0.00000000500	0.00026	0.000000	0.000	0.00000000000		
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000		
06016AA	PLANTAINS	0.500	P	0.000819	0.164	0.00000009992	0.00003	0.000000	0.000	0.00000000000		
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000		
	23 COOKED-FRESH-BOILED						0.00003	0.000000	0.000	0.00000000000		
06017AA	LYCHEES (LITCHI)	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000		
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.00000000000		
06017DA	LYCHEE-DRIED	0.500	P	0.000002	0.000	0.00000000004	0.00026	0.000000	0.000	0.00000000000		
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.00000000000		

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled		1yr feeding-dog		Plasma & RBC Che inhibi-		UF -->100					
Caswell #999222		NOEL=	0.0500 mg/kg	ion in M&F; Brain Che in-		OPP RfD= 0.000500					
CAS No.			0.00 ppm	hibition in M.		EPA RfD= 0.000000					
A.I. CODE:		LEL=	0.1000 mg/kg	Evidence of oncogenicity							
CFR No.			0.00 ppm	in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		Q*: 0.12200					

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
06018AA	KIW	0.500	P	0.000010	0.002	0.00000000122	0.00026	0.000000	0.000	0.000000000000
06020AA	ACEROLA	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06021AA	GINKGO NUTS	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06022AA	MANEY (MAMMEE APPLE)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06023AA	PITANGA (SURIAM CHERRY)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06024AA	SOURSOP (ANNONA MURICATA)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06025AA	SUGAR APPLES (SHEETSP)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06026AA	BREAD FRUIT	0.500	P	0.000037	0.007	0.00000000451	0.00026	0.000000	0.000	0.000000000000
06027AA	BREAD NUTS	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06028AA	SAPOTE	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06029AA	CARAMBOLA	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06030AA	CHERIMOYA	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06031AA	LONGAN FRUIT	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
06033AA	GENIP (SPANISH LIME)	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
07001FA	COCOA BUTTER	0.500	P	0.002683	0.537	0.00000032733	0.00003	0.000000	0.000	0.000000000000
07001SA	CHOCOLATE	0.500	P	0.018017	3.603	0.00000219807	0.00003	0.000000	0.000	0.000000000000
07002AA	COFFEE	0.500	P	0.023157	4.631	0.00000282515	0.00003	0.000001	0.000	0.000000000012
07003AA	TEA	0.500	P	0.015735	3.147	0.00000191967	0.00003	0.000001	0.000	0.000000000012
07006AA	CHICORY	0.500	P	0.000023	0.005	0.00000000281	0.00003	0.000000	0.000	0.000000000000
08008AA	CASSIA	0.500	P	0.002971	0.594	0.00000036246	0.00026	0.000002	0.000	0.000000000024

00 NOT SPECIFIED (NO CONSUMPTION)

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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DATE: 03/22/95

CHEMICAL INFORMATION		STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #999ZZZ. CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC ChE inhibition in M&F; Brain ChE inhibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPP Rfd= 0.000500 EPA Rfd= 0.000000 q*: 0.12200			

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	THRC TYPE (US/KG/DAY)	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (US/KG/DAY)	%RFD	ARC ONCO RISK
15021AA	ALFALFA SPROUTS 10 RAW-FRESH OR NFS	0.500	P 0.000070	0.014	0.000000000854	0.00026	0.000000	0.000000000000
15026AA	SESAME SEEDS 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	0.500	P 0.000224	0.045	0.000000002733	0.00026	0.000000	0.000000000000
15028AA	PINEUTS 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.500	P 0.000027	0.005	0.000000000329	0.00003	0.000000	0.000000000000
16002AA	ASPARAGUS 21 COOKED-NFS	0.500	P 0.006555	1.311	0.00000079971	0.00026	0.000000	0.000000000000
16003AA	MUSHROOMS 10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED 53 COOKED-CANNED-BOILED	0.500	P 0.010694	2.139	0.00000130467	0.00003	0.000000	0.000000000000
16007AA	POKE GREENS 21 COOKED-NFS	0.500	P 0.000148	0.030	0.00000001806	0.00010	0.000000	0.000000000000
16008AA	BAMBOO SHOOTS 21 COOKED-NFS	0.500	P 0.000073	0.015	0.000000000891	0.00001	0.000000	0.000000000000
25001AA	HONEY 10 RAW-FRESH OR NFS 22 COOKED-FRESH-BAKED	0.500	P 0.007617	1.523	0.000000092927	0.00001	0.000000	0.000000000000
25003SA	CANE SUGAR 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED	0.500	P 0.367882	73.576	0.00004488160	0.00003	0.000000	0.000000000000
25003SB	SUGAR-MOLASSES 10 RAW-FRESH OR NFS 21 COOKED-NFS 22 COOKED-FRESH-BAKED 31 COOKED-FRESH OR CANNED	0.500	P 0.005261	1.052	0.000000064184	0.00003	0.000000	0.000000000000
25004SA	MAPLE SYRUP 10 RAW-FRESH OR NFS 21 COOKED-NFS	0.500	P 0.013423	2.685	0.00000163761	0.00003	0.000000	0.000000000000
26011AA	GUAR BEANS 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P 0.000000	0.000	0.000000000000	0.00026	0.000000	0.000000000000
270010A	CASTOR BEANS 00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P 0.000000	0.000	0.000000000000	0.00003	0.000000	0.000000000000

CHEMICAL INFORMATION			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled Caswell #999222 CAS No. A.I. CODE: CFR No.			1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)		Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000					
COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES												
FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK		
270030A	COTTONSEED-OIL	0.050	P	0.010204	2.041	0.00000124489	0.00001	0.000000	0.000	0.00000000000		
270030A	18 PROCESSED OIL	0.050	P	0.000059	0.012	0.00000000720	0.00001	0.000000	0.000	0.00000000000		
270030A	COTTONSEED-MEAL	0.500	P	0.000000	0.000	0.00000000000	0.00001	0.000000	0.000	0.00000000000		
270040A	FLAX SEED	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000		
270080A	00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.00000000000	0.00005	0.000000	0.000	0.00000000000		
270080A	SAFFLOWER-SEED	0.500	P	0.000785	0.157	0.00000009577	0.00005	0.000000	0.000	0.00000000000		
270080A	00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.00000000000	0.00001	0.000000	0.000	0.00000000000		
270090A	18 PROCESSED OIL	0.500	P	0.000010	0.002	0.00000000122	0.00001	0.000000	0.000	0.00000000000		
270110A	SESAME-OIL	0.500	P	0.000010	0.002	0.00000000122	0.00003	0.000000	0.000	0.00000000000		
270110A	SUNFLOWER-OIL	0.500	P	0.001242	0.248	0.00000015152	0.00003	0.000000	0.000	0.00000000000		
270110A	18 PROCESSED OIL	0.500	P	0.001242	0.248	0.00000015152	0.00003	0.000000	0.000	0.00000000000		
270150A	COCONUT-OIL	0.500	P	0.012686	2.537	0.00000154769	0.00003	0.000000	0.000	0.00000000000		
270150A	10 RAW-FRESH OR NFS	0.500	P	0.012686	2.537	0.00000154769	0.00026	0.000001	0.000	0.00000000012		
270150A	21 COOKED-NFS	0.500	P	0.012686	2.537	0.00000154769	0.00003	0.000000	0.000	0.00000000000		
270150A	22 COOKED-FRESH-BAKED	0.500	P	0.012686	2.537	0.00000154769	0.00003	0.000000	0.000	0.00000000000		
270150A	25 COOKED-FRESH-FRIED	0.500	P	0.012686	2.537	0.00000154769	0.00003	0.000000	0.000	0.00000000000		
270150A	51 COOKED-CANNED	0.500	P	0.012686	2.537	0.00000154769	0.00003	0.000000	0.000	0.00000000000		
270160A	OLIVE OIL	0.500	P	0.002928	0.586	0.00000035722	0.00003	0.000000	0.000	0.00000000000		
270160A	18 PROCESSED OIL	0.500	P	0.002928	0.586	0.00000035722	0.00003	0.000000	0.000	0.00000000000		
270170A	RAPE SEED	0.500	P	0.000000	0.000	0.00000000000	0.00003	0.000000	0.000	0.00000000000		
270170A	00 NOT SPECIFIED (NO CONSUMPTION)	0.500	P	0.000000	0.000	0.00000000000	0.00003	0.000000	0.000	0.00000000000		
270190A	PALM OIL	0.500	P	0.008186	1.637	0.00000099869	0.00003	0.000000	0.000	0.00000000000		
270190A	18 PROCESSED OIL	0.500	P	0.008186	1.637	0.00000099869	0.00003	0.000000	0.000	0.00000000000		
280240B	ORIENTAL VEGETABLES-NON-LEAFY	0.500	P	0.000012	0.002	0.00000000146	0.00003	0.000000	0.000	0.00000000000		
280240B	21 COOKED-NFS	0.500	P	0.000012	0.002	0.00000000146	0.00003	0.000000	0.000	0.00000000000		
280400A	SEEDS(PUMPKIN,PSYLLIUM,CHIA,APRICOT,ETC)	0.500	P	0.000070	0.014	0.00000000854	0.00026	0.000000	0.000	0.00000000000		
280400A	10 RAW-FRESH OR NFS	0.500	P	0.000070	0.014	0.00000000854	0.00026	0.000000	0.000	0.00000000000		
430570A	VINEGAR	0.500	P	0.025582	5.116	0.00000312100	0.00026	0.000000	0.000	0.00000000000		
430570A	10 RAW-FRESH OR NFS	0.500	P	0.025582	5.116	0.00000312100	0.00026	0.000000	0.000	0.00000000000		
430580A	21 COOKED-NFS	0.500	P	0.025582	5.116	0.00000312100	0.00026	0.000000	0.000	0.00000000000		
430580A	WINE AND SHERRY	0.050	P	0.042098	8.420	0.00000513596	0.00039	0.000032	0.006	0.00000000390		
430590A	10 RAW-FRESH OR NFS	0.050	P	0.042098	8.420	0.00000513596	0.00039	0.000032	0.006	0.00000000390		
430590A	21 COOKED-NFS	0.500	P	0.019353	3.871	0.00000236107	0.00039	0.000000	0.000	0.00000000000		
430600A	DISTILLED ALCOHOL	0.500	P	0.019353	3.871	0.00000236107	0.00003	0.000001	0.000	0.00000000012		
430600A	21 COOKED-NFS	0.500	P	0.019353	3.871	0.00000236107	0.00003	0.000001	0.000	0.00000000012		
430600A	GELATIN	0.500	P	0.001537	0.307	0.00000018751	0.00026	0.000000	0.000	0.00000000000		
430600A	10 RAW-FRESH OR NFS	0.500	P	0.001537	0.307	0.00000018751	0.00026	0.000000	0.000	0.00000000000		
430600A	21 COOKED-NFS	0.500	P	0.001537	0.307	0.00000018751	0.00003	0.000000	0.000	0.00000000000		

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	0.0500 mg/kg	Plasma & RBC CHE inhibition in M&F; Brain CHE inhibition in M.	OPP RfD= 0.000500	UF -->100					
Caswell #9992ZZ	MOEL=	0.00 ppm		Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	EPA RfD= 0.000000						
A.I. CODE:	LEL=	0.1000 mg/kg									
CFR No.	OMCO: C (MED); C (SAP)	0.00 ppm			Q*:	0.12200					
COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES											
FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%RFD	TMRC OMCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC OMCO RISK	
53014AA	MEAT, GAME	0.500	P	0.003175	0.635	0.00000038735	0.00003	0.000000	0.000	0.00000000000	
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000	
	25 COOKED-FRESH-FRIED						0.00003	0.000000	0.000	0.00000000000	
CROP GROUP TOTALS FOR UNSPECIFIED:											
				0.794587	158.917	0.00009693961	0.000137	0.027	0.00000001671		
14001AA	BEEFS-ROOTS	0.500	P	0.010807	2.161	0.00000131845	0.00026	0.000000	0.000	0.00000000000	
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000	
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000	
	26 COOKED-FRESH-PICKLED, CORNED, OR CURED						0.00003	0.000000	0.000	0.00000000000	
14003AA	CARROTS	0.500	P	0.086740	17.348	0.00001058228	0.00026	0.000010	0.002	0.00000000122	
	10 RAW-FRESH OR NFS						0.00003	0.000001	0.000	0.00000000012	
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000	
	23 COOKED-FRESH-BOILED						0.00003	0.000000	0.000	0.00000000000	
	31 COOKED-FRESH OR CANNED						0.00003	0.000001	0.000	0.00000000012	
	51 COOKED-CANNED						0.00003	0.000001	0.000	0.00000000012	
14006AA	TARO-ROOT	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000	
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.00000000000	
14009AA	ARTICHOKES-JERUSALEM	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000	
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000012	0.002	0.00000000146	
14013AA	POTATOES(WHITE)-WHOLE	0.500	P	0.170029	34.006	0.00002074354	0.00026	0.000012	0.002	0.00000000146	
	10 RAW-FRESH OR NFS						0.00003	0.000004	0.001	0.00000000049	
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000	
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000	
14013AB	POTATOES(WHITE)-UNSPECIFIED	0.500	P	0.000041	0.008	0.00000000500	0.00003	0.000000	0.000	0.00000000000	
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000	
14013AC	POTATOES(WHITE)-PEELED	0.500	P	0.392129	78.426	0.00004783974	0.00003	0.000002	0.000	0.00000000024	
	21 COOKED-NFS						0.00003	0.000001	0.000	0.00000000012	
	22 COOKED-FRESH-BAKED						0.00003	0.000011	0.002	0.00000000134	
	23 COOKED-FRESH-BOILED						0.00003	0.000006	0.001	0.00000000073	
	25 COOKED-FRESH-FRIED						0.00026	0.000001	0.000	0.00000000012	
14013DA	POTATOES(WHITE)-DRY	0.500	P	0.004223	0.845	0.00000051521	0.00003	0.000000	0.000	0.00000000000	
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000	
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000	
14013HA	POTATOES(WHITE)-PEEL ONLY	0.500	P	0.000011	0.002	0.00000000134	0.00003	0.000000	0.000	0.00000000000	
14014AA	RADISHES-ROOTS	0.500	P	0.000778	0.156	0.00000009492	0.00026	0.000000	0.000	0.00000000000	
14015AA	RUTABAGAS-ROOTS	0.500	P	0.001397	0.279	0.00000017043	0.00026	0.000000	0.000	0.00000000000	
	10 RAW-FRESH OR NFS						0.00026	0.000000	0.000	0.00000000000	

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled		1yr feeding-dog		Plasma & RBC ChE inhibi-		UF -->100					
Caswell #999222		NOEL=	0.0500 mg/kg	tion in M&F; Brain ChE in-		OPP RfD= 0.000500					
CAS No.		LEL=	0.00 ppm	hibition in M.		EPA RfD= 0.000000					
A.I. CODE:			0.1000 mg/kg	Evidence of oncogenicity							
CFR No.			0.00 ppm	in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		q4: 0.12200					

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
14016AA	21 COOKED-NFS SALSIFFY(OYSTER PLANT)	0.500	P	0.000001	0.000	0.00000000012	0.00003	0.000000	0.000	0.00000000000
14018AA	21 COOKED-NFS SHEET-POTATOES (INCLUDING YAMS)	0.500	P	0.019416	3.883	0.00000236875	0.00003	0.000000	0.000	0.00000000000
14019AA	21 COOKED-NFS TURNIPS-ROOTS	0.500	P	0.004120	0.824	0.00000050264	0.00026	0.000000	0.000	0.00000000000
14021AA	21 COOKED-NFS PARSNIPS	0.500	P	0.000349	0.070	0.00000004258	0.00003	0.000000	0.000	0.00000000000
14024AA	10 RAW-FRESH OR NFS YAMBEAN, TUBER	0.500	P	0.000021	0.004	0.00000000256	0.00026	0.000000	0.000	0.00000000000
14026AA	21 COOKED-NFS CASSAVA (YUCA BLANCA)	0.500	P	0.000105	0.021	0.00000001281	0.00003	0.000000	0.000	0.00000000000
14030AA	23 COOKED-FRESH-BOILED PARSLEY ROOTS	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
25002SA	00 NOT SPECIFIED (NO CONSUMPTION) BEET SUGAR	0.050	P	0.166055	33.211	0.00002025871	0.00001	0.000000	0.000	0.00000000000
CROP GROUP TOTALS FOR ROOT AND TUBER VEGETABLES:		0.856222		171.244	0.00010445908		0.000059		0.012	0.00000000720
13001AA	31 COOKED-FRESH OR CANNED BEETS-TOPS(GREENS)	0.500	P	0.000414	0.083	0.00000005051	0.00003	0.000000	0.000	0.00000000000
13026AA	63 COOKED-FRESH OR FROZEN-BOILED TURNIPS-TOPS	0.500	P	0.044133	8.827	0.00000538423	0.00026	0.000001	0.000	0.00000000012
13034AA	10 RAW-FRESH OR NFS 21 COOKED-NFS 31 COOKED-FRESH OR CANNED TARO-GREENS	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
14014AB	00 NOT SPECIFIED (NO CONSUMPTION) RADISHES-TOPS	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
14015AB	00 NOT SPECIFIED (NO CONSUMPTION) RUTABAGAS-TOPS	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
CROP GROUP TOTALS FOR LEAVES OF ROOT AND TUBER VEG.:		0.044547		8.909	0.00000543473		0.000001		0.000	0.00000000012

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	0.0500 mg/kg	Plasma & RBC Che inhibi-	ion in M&F; Brain Che in-	UF -->100	OPP Rfd= 0.000500				
Caswell #9992ZZZ		0.00 ppm		hibition in M.	Evidence of oncogenicity		EPA Rfd= 0.000000				
A.I. CODE:	LEL=	0.1000 mg/kg		in rats (pancreas, leuk.)							
CFR No.	0.00 ppm			and mice (stomach)							
	ONCO: C (HED); C (SAP)										

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	0.076	0.00000004648	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
14010AA	LEEEKS	0.500	P	0.000019	0.004	0.00000000232	0.00003	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00026	0.000005	0.001	0.000000000061
14011AA	ONIONS-DRY-BULB (CIPOLLINI)	0.500	P	0.053031	10.606	0.00000046978	0.00003	0.000002	0.000	0.000000000024
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED						0.00026	0.000000	0.000	0.000000000000
14011DA	ONIONS-DEHYDRATED OR DRIED	0.500	P	0.000536	0.107	0.00000006539	0.00026	0.000000	0.000	0.000000000000
	12 RAW-FRESH-DRIED						0.00026	0.000000	0.000	0.000000000000
14017AA	SHALLOTS	0.500	P	0.000153	0.031	0.00000001867	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.000000000000
16004AA	ONIONS-GREEN	0.500	P	0.000978	0.196	0.00000011932	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	25 COOKED-FRESH-FRIED						0.00003	0.000000	0.000	0.000000000000
CROP GROUP TOTALS FOR BULB VEGETABLES:				0.055098	11.020	0.00000672196	0.000007	0.000007	0.001	0.000000000085
13002AA	CELERY	1.000	P	0.182883	36.577	0.00002231173	0.01200	0.000574	0.115	0.00000007003
	10 RAW-FRESH OR NFS						0.00120	0.000016	0.003	0.000000000195
13003AA	CHICORY (FRENCH OR BELGIAN ENDIVE)	0.500	P	0.000335	0.067	0.00000004087	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00026	0.000000	0.000	0.000000000000
13013AA	LETTUCE-LEAFY VARIETIES	0.500	P	0.004433	0.887	0.00000054083	0.00370	0.000016	0.003	0.000000000195
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
13014AA	DANDELION	0.500	P	0.000252	0.050	0.00000003074	0.00003	0.000000	0.000	0.000000000000
	63 COOKED-FRESH OR FROZEN-BOILED						0.00026	0.000000	0.000	0.000000000000
13015AA	ENDIVE, CURLEY AND ESCAROLE	0.500	P	0.000593	0.119	0.00000007235	0.00003	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00026	0.000000	0.000	0.000000000000
13017AA	CRESS, GARDEN, FIELD	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000000	0.000	0.000000000000
13020AA	LETTUCE-UNSPECIFIED	0.500	P	0.009201	1.840	0.00000112252	0.00370	0.000034	0.007	0.000000000415
	10 RAW-FRESH OR NFS						0.00026	0.000000	0.000	0.000000000000
13022AA	PARSLEY	0.500	P	0.001834	0.367	0.00000022375	0.00026	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	OPR Rfd= 0.000500	UF -->100				
Caswell #9992ZZ	LEL=	0.1000 mg/kg	0.00 ppm	Evidence of oncogenicity	in rats (pancreas, leuk.)	EPA Rfd= 0.000000					
A.I. CODE:	0.00 ppm			and mice (stomach)							
CFR No.	ONCO: C (HED); C (SAP)					Q*: 0.12200					

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
13023AA	53 COOKED-CANNED-BOILED RHUBARB	0.500	P	0.001884	0.377	0.00000022985	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00026	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000
	62 COOKED-FRESH OR FROZEN-BAKED						0.00003	0.000000	0.000	0.00000000000
13024AA	SPINACH	5.000	P	0.130593	26.119	0.00001593235	0.00570	0.000042	0.008	0.00000000512
	10 RAW-FRESH OR NFS						0.00057	0.000004	0.001	0.00000000049
	21 COOKED-NFS						0.00057	0.000017	0.003	0.00000000207
13025AA	31 COOKED-FRESH OR CANNED SWISS CHARD	5.000	P	0.005075	1.015	0.00000061915	0.00280	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00028	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00028	0.000000	0.000	0.00000000000
13039AA	63 COOKED-FRESH OR FROZEN-BOILED CRESS, UPLAND	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00370	0.000771	0.154	0.00000009406
13045AA	LETTUCE-HEAD VARIETIES	0.500	P	0.212280	42.456	0.00002589816	0.00037	0.000001	0.060	0.00000000012
	10 RAW-FRESH OR NFS									
	21 COOKED-NFS									
CROP GROUP TOTALS FOR LEAFY VEGETABLES (EXCL. BRASSICAE):				0.549363	109.873	0.00006702229		0.001475	0.295	0.00000017995
13005AA	BROCCOLI	0.100	P	0.049129	9.826	0.00000599374	0.00025	0.000001	0.000	0.00000000012
	21 COOKED-NFS						0.00025	0.000010	0.002	0.00000000122
	31 COOKED-FRESH OR CANNED						0.00025	0.000007	0.000	0.00000000012
13006AA	63 COOKED-FRESH OR FROZEN-BOILED BRUSSELS SPROUTS	0.100	P	0.006848	1.370	0.00000083546	0.00165	0.000002	0.000	0.00000000024
	21 COOKED-NFS						0.00165	0.000009	0.002	0.00000000110
13007AA	23 COOKED-FRESH-BOILED CABBAGE-GREEN AND RED	1.000	P	0.093640	18.728	0.00001142408	0.01000	0.000384	0.077	0.00000004685
	10 RAW-FRESH OR NFS						0.01000	0.000119	0.024	0.00000001452
	11 RAW-FRESH-PICKLED, CORNED, OR CURED						0.00100	0.000043	0.009	0.000000000525
13008AA	21 COOKED-NFS CAULIFLOWER	1.000	P	0.015837	3.167	0.00000193211	0.00250	0.000002	0.000	0.00000000024
	10 RAW-FRESH OR NFS						0.00025	0.000004	0.001	0.00000000049
13009AA	21 COOKED-NFS COLLARDS	3.000	P	0.056690	11.338	0.00000691618	0.00725	0.000002	0.000	0.00000000024
	51 COOKED-CANNED						0.00725	0.000135	0.027	0.00000001647
13010AA	63 COOKED-FRESH OR FROZEN-BOILED CABBAGE-CHINESE/CELERY, INC. BOK CHOY	1.000	P	0.004563	0.913	0.00000055669	0.01000	0.000002	0.000	0.00000000024
	10 RAW-FRESH OR NFS									

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/22/95

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CHEMICAL INFORMATION			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	Plasma & RBC CHE inhibi-										
Caswell #9992ZZ	NOEL=	ion in M&F; Brain CHE in-										
CAS No.	0.00 ppm	hibition in M.										
A.I. CODE:	LEL=	Evidence of oncogenicity										
CFR No.	0.1000 mg/kg	in rats (pancreas, leuk.)										
	0.00 ppm	and mice (stomach)										
	ONCO: C (HED); C (SAP)											
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		
CROP GROUP TOTALS FOR BRASSICA (COLE) LEAFY VEGETABLES:												
15001AA	BEANS-DRY-GREAT NORTHERN	0.050	P	0.000000	0.000	0.000000000000	0.00003	0.000000	0.000	0.000000000000		
15001AB	BEANS-DRY-KIDNEY	0.050	P	0.006816	1.363	0.00000083155	0.00003	0.000000	0.000	0.000000000000		
15001AC	BEANS-DRY-LIMA	0.050	P	0.003995	0.799	0.00000048739	0.00003	0.000000	0.000	0.000000000000		
15001AD	BEANS-DRY-NAVY (PEAS)	0.050	P	0.018704	3.741	0.00000228189	0.00003	0.000000	0.000	0.000000000000		
15001AE	BEANS-DRY-OTHER	0.050	P	0.019913	3.983	0.00000242939	0.00003	0.000000	0.000	0.000000000000		
15001AF	BEANS-DRY-PINTO	0.050	P	0.018175	3.635	0.00000221735	0.00003	0.000001	0.000	0.000000000012		
15002AA	BEANS-SUCCULENT-LIMA	0.050	P	0.012832	2.566	0.00000156550	0.00006	0.000000	0.000	0.000000000000		
15003AA	BEANS-SUCCULENT-GREEN	0.050	P	0.100025	20.005	0.00001220305	0.00001	0.000000	0.000	0.000000000000		
15003AB	BEANS-SUCCULENT-OTHER	0.050	P	0.013192	2.638	0.00000160942	0.00006	0.000000	0.000	0.000000000000		
15003AC	BEANS-SUCCULENT-YELLOW MAX	0.050	P	0.002732	0.546	0.00000033330	0.00001	0.000000	0.000	0.000000000000		
15006AA	PEANUTS-WHOLE	0.500	P	0.034789	6.958	0.00000424426	0.00003	0.000002	0.000	0.000000000024		
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000		
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000		
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.000000000000		

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/22/95

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	UF -->100	OPP RfD= 0.000500				
Caswell #9992ZZ	LEL=	0.00 ppm	0.1000 mg/kg	Evidence of oncogenicity	in rats (pancreas, leuk.)	q*: 0.12200					
A.I. CODE:											
CFR No.											
	ONCO: C (HED); C (SAP)										

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
15007AA	PEAS (GARDEN)-MATURE SEEDS, DRY	0.500	P	0.000875	0.175	0.00000010675	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
15009AA	PEAS (GARDEN)-FRESH OR CANNED	0.050	P	0.086000	17.200	0.00001049200	0.00001	0.000001	0.000	0.000000000012
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
15011AA	PEAS (GARDEN)-GREEN IMMATURE	0.500	P	0.000601	0.120	0.00000007332	0.00003	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.000000000000
15011AB	LENTILS-WHOLE	0.500	P	0.000004	0.001	0.00000000049	0.00003	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.000000000000
15013AA	LENTILS-SPLIT	0.500	P	0.003326	0.665	0.00000040577	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
15020AA	MUNG BEANS (SPROUTS)	0.500	P	0.000046	0.009	0.000000000561	0.00003	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
15022AA	CAROB	0.050	P	0.000000	0.000	0.000000000000	0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.000000000000
15022AB	BEANS-DRY-BROAD BEANS (MATURE SEED)	0.050	P	0.000000	0.000	0.000000000000	0.00006	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.000000000000
15023AA	BEANS-SUCCULENT-BROAD BEANS(IMMAT. SEED)	0.050	P	0.000018	0.004	0.000000000220	0.00003	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.000000000000
15027AA	BEANS-DRY-PIGEON BEANS	0.050	P	0.002617	0.523	0.00000031927	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
15029AA	BEANS-UNSPECIFIED	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
15030AA	SOYBEANS-SPROUTED SEEDS	0.050	P	0.000000	0.000	0.000000000000	0.00003	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.000000000000
15030AB	BEANS-DRY-HYACINTH (MATURE SEEDS)	0.050	P	0.000000	0.000	0.000000000000	0.00003	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.000000000000
15031AA	BEANS-SUCCULENT-HYACINTH (YOUNG PODS)	0.050	P	0.001237	0.247	0.00000015091	0.00003	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.000000000000
15032AA	BEANS-DRY-BLACK-EYED PEAS (COMPEAS)	0.050	P	0.000263	0.053	0.000000003209	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	BEANS-DRY-GARBANZO (CHICK PEAS)						0.00003	0.000000	0.000	0.000000000000
270070A	21 COOKED-NFS	0.500	P	0.002613	0.523	0.00000031879	0.00003	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.000000000000
270100A	PEANUTS-OIL	0.500	P	0.161078	32.216	0.00001965152	0.00003	0.000008	0.002	0.000000000098
	18 PROCESSED OIL						0.00003	0.000000	0.000	0.000000000000
28023AA	SOYBEANS-OIL	0.500	P	0.000261	0.052	0.000000003184	0.00003	0.000000	0.000	0.000000000000
	18 PROCESSED OIL						0.00003	0.000000	0.000	0.000000000000
	SOYBEANS-UNSPECIFIED						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled		1yr feeding- dog		Plasma & RBC Che inhibi-		UF -->100					
Caswell #9992ZZ		NOEL= 0.0500 mg/kg		tion in M&F; Brain Che in-		OPP RfD= 0.000500					
CAS No.		0.00 ppm		hibition in M.		EPA RfD= 0.000000					
A.I. CODE:		LET= 0.1000 mg/kg		Evidence of oncogenicity							
CFR No.		0.00 ppm		in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		Q*: 0.12200					

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
28023AB	SOYBEANS-MATURE, SEEDS DRY	0.500	P	0.000450	0.090	0.00000005490	0.00003	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	23 COOKED-FRESH-BOILED						0.00003	0.000000	0.000	0.000000000000
	25 COOKED-FRESH-FRIED						0.00003	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.000000000000
28023MA	SOYBEANS-FLOUR, FULL FAT	0.500	P	0.001461	0.292	0.00000017824	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.000000000000
28023MB	SOYBEANS-FLOUR, LOW FAT	0.500	P	0.000476	0.095	0.00000005807	0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
28023MC	SOYBEANS-FLOUR, DEFAATTED	0.500	P	0.006230	1.246	0.00000076006	0.00003	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.000000000000
	51 COOKED-CANNED						0.00003	0.000000	0.000	0.000000000000
	53 COOKED-CANNED-BOILED						0.00003	0.000000	0.000	0.000000000000
CROP GROUP TOTALS FOR LEGUME VEGETABLES:				0.498729	99.746	0.00006084494	0.000014	0.003	0.00000000171	
11001AA	EGGPLANT	0.500	P	0.003093	0.619	0.00000037735	0.00152	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00015	0.000001	0.000	0.000000000012
	21 COOKED-NFS						0.00015	0.000000	0.000	0.000000000000
11003AA	PEPPERS, SWEET, GARDEN	0.500	P	0.010776	2.155	0.00000131467	0.00019	0.000001	0.000	0.000000000012
	10 RAW-FRESH OR NFS						0.00002	0.000000	0.000	0.000000000000
11003AB	CHILI PEPPERS	0.500	P	0.002054	0.411	0.00000025059	0.00019	0.000001	0.000	0.000000000012
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00019	0.000000	0.000	0.000000000000
11003AD	PEPPERS-OTHER	0.500	P	0.002180	0.436	0.00000026596	0.00019	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00019	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00019	0.000000	0.000	0.000000000000
	51 COOKED-CANNED						0.00019	0.000000	0.000	0.000000000000
11004AA	PIMIENTOS	0.500	P	0.000974	0.195	0.0000001883	0.00019	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00019	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00019	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00019	0.000000	0.000	0.000000000000
11005AA	TOMATOES-WHOLE	0.500	P	0.246008	49.202	0.00003001298	0.00005	0.000013	0.003	0.00000000159
	10 RAW-FRESH OR NFS						0.00001	0.000001	0.000	0.000000000012
	21 COOKED-NFS						0.00001	0.000001	0.000	0.000000000012

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CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
DDVP from Naled Caswell #99922Z CAS No. A.I. CODE: CFR No.	1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)	Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)	UF -->100 OPF RfD= 0.000500 EPA RfD= 0.000000 Q* 0.12200		

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
11005JA	31 COOKED-FRESH OR CANNED TOMATOES-JUICE	0.500	P	0.041351	8.270	0.00000504482	0.00001	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00005	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
11005RA	TOMATOES-PUREE	0.500	P	0.280881	56.176	0.00003426748	0.00005	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00001	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00001	0.000000	0.000	0.000000000000
	32 COOKED-FRESH OR CANNED-BAKED						0.00001	0.000000	0.000	0.000000000000
	51 COOKED-CANNED						0.00001	0.000000	0.000	0.000000000000
11005TA	TOMATOES-PASTE	0.500	P	0.106587	21.317	0.00001300361	0.00001	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
	22 COOKED-FRESH-BAKED						0.00001	0.000000	0.000	0.000000000000
	31 COOKED-FRESH OR CANNED						0.00001	0.000000	0.000	0.000000000000
11005UA	TOMATOES-CATSUP	0.500	P	0.052540	10.508	0.00000640988	0.00001	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITIS):										
				0.746444	149.289	0.00009106617		0.000017	0.003	0.00000000207
10002AA	CANTALOUPE-UNSPECIFIED	0.500	P	0.000000	0.000	0.000000000000	0.00010	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
10002AB	CANTALOUPE-PULP	0.500	P	0.022211	4.442	0.00008270974	0.00010	0.000004	0.001	0.00000000049
	10 RAW-FRESH OR NFS						0.00001	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00010	0.000000	0.000	0.000000000000
10003AA	CASABAS	0.500	P	0.000385	0.077	0.00000004697	0.00010	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00010	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
10004AA	CRENSHAW	0.500	P	0.000000	0.000	0.000000000000	0.00010	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
10005AA	HONEYDEW MELONS	0.500	P	0.009181	1.836	0.00000112008	0.00010	0.000002	0.000	0.000000000024
	10 RAW-FRESH OR NFS						0.00010	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
10007AA	PERSON MELONS	0.500	P	0.000000	0.000	0.000000000000	0.00010	0.000000	0.000	0.000000000000
	10 RAW-FRESH OR NFS						0.00010	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
10008AA	WATERMELON	0.500	P	0.038253	7.651	0.00000466687	0.00010	0.000007	0.001	0.000000000085
	10 RAW-FRESH OR NFS						0.00010	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
10010AA	CUCUMBERS	0.500	P	0.036041	7.208	0.00000439700	0.00019	0.000007	0.001	0.000000000085
	10 RAW-FRESH OR NFS						0.00019	0.000006	0.001	0.000000000073
	11 RAW-FRESH-PICKLED,CORNED,OR CURED						0.00002	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000
10011AA	PUMPKINS	0.500	P	0.002209	0.442	0.00000026950	0.00001	0.000000	0.000	0.000000000000
	21 COOKED-NFS						0.00001	0.000000	0.000	0.000000000000

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	UF -->100	OPF RfD= 0.000500				
Caswell #999222	NOEL=	0.00 ppm	0.00 mg/kg	hibition in M.	Evidence of oncogenicity		EPA RfD= 0.000000				
A.I. CODE:	LEL=	0.1000 mg/kg	0.00 ppm	in rats (pancreas, leuk.)							
CFR No.	ONCO: C (HED); C (SAP)			and mice (stomach)			Q*: 0.12200				

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
10013AA	22 COOKED-FRESH-BAKED SQUASH-SUMMER	0.500	P	0.015824	3.165	0.00000193053	0.00001	0.000000	0.000	0.000000000000
10014AA	10 RAW-FRESH OR NFS SQUASH-WINTER	0.500	P	0.016221	3.244	0.00000197896	0.00035	0.000000	0.000	0.000000000000
10017AA	21 COOKED-NFS BITTER MELON	0.500	P	0.000012	0.002	0.00000000146	0.00004	0.000000	0.000	0.000000000000
10020AA	21 COOKED-NFS TONELGOURD	0.500	P	0.000000	0.000	0.00000000000	0.00035	0.000000	0.000	0.000000000000
CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):					0.140337	28.067	0.00001712111	0.000028	0.006	0.00000000342
02001AA	CITRUS CITRON	3.000	P	0.000079	0.016	0.00000000064	0.00008	0.000000	0.000	0.000000000000
02002AA	22 COOKED-FRESH-BAKED GRAPEFRUIT-UNSPECIFIED	3.000	P	0.000003	0.001	0.00000000037	0.00080	0.000000	0.000	0.000000000000
02002AB	00 NOT SPECIFIED (NO CONSUMPTION) GRAPEFRUIT-PULP	3.000	P	0.205393	41.079	0.00002505795	0.00080	0.000055	0.011	0.00000000671
02002JA	10 RAW-FRESH OR NFS 21 COOKED-NFS GRAPEFRUIT-JUICE	3.000	P	0.487359	97.472	0.00005945780	0.00020	0.000015	0.003	0.00000000183
02003AA	15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED KUMQUATS	3.000	P	0.000040	0.008	0.00000000488	0.00080	0.000000	0.000	0.000000000000
02004AA	10 RAW-FRESH OR NFS LEMONS-UNSPECIFIED	3.000	P	0.006209	1.242	0.00000075750	0.00080	0.000002	0.000	0.00000000024
02004AB	22 COOKED-FRESH-BAKED LEMONS-PULP	3.000	P	0.000645	0.129	0.00000007869	0.00008	0.000000	0.000	0.000000000000
02004HA	10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED LEMONS-PEEL	3.000	P	0.000771	0.154	0.00000009406	0.00008	0.000000	0.000	0.000000000000
02004JA	10 RAW-FRESH OR NFS 21 COOKED-NFS LEMONS-JUICE	3.000	P	0.113738	22.748	0.00001387604	0.00020	0.000001	0.000	0.00000000012
	15 RAW-FRESH OR CANNED 21 COOKED-NFS						0.00020	0.000001	0.000	0.00000000012
							0.00002	0.000000	0.000	0.000000000000

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Haled		1yr feeding- dog		Plasma & RBC CHE inhibi-		UF -->100					
Caswell #999ZZZ		NOEL=	0.0500 mg/kg	tion in M&F; Brain CHE in-		OPP RfD= 0.000500					
CAS No.		0.00	ppm	hibition in M.		EPA RfD= 0.000000					
A.I. CODE:		LEL=	0.1000 mg/kg	Evidence of oncogenicity							
CFR No.		0.00	ppm	in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		Q*: 0.12200					

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	TMRC (UG/KG/DAY)	%FED	TMRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%FED	ARC ONCO RISK
02005AA	31 COOKED-FRESH OR CANNED LINES-UNSPECIFIED	3.000	P	0.000000	0.000	0.000000000000	0.00002	0.000000	0.000	0.000000000000
02005AB	00 NOT SPECIFIED (NO CONSUMPTION) LINES-PULP	3.000	P	0.000047	0.009	0.00000000573	0.00080	0.000000	0.000	0.000000000000
02005HA	10 RAW-FRESH OR NFS LINES-PEEL	3.000	P	0.000000	0.000	0.000000000000	0.00080	0.000000	0.000	0.000000000000
02005JA	21 COOKED-NFS LINES-JUICE	3.000	P	0.003289	0.658	0.00000040126	0.00040	0.000000	0.000	0.000000000000
02006AA	10 RAW-FRESH OR NFS 31 COOKED-FRESH OR CANNED ORANGES-UNSPECIFIED	3.000	P	0.000003	0.001	0.000000000037	0.00020	0.000000	0.000	0.000000000000
02006AB	00 NOT SPECIFIED (NO CONSUMPTION) ORANGES-PULP	3.000	P	0.451057	90.211	0.00005502895	0.00080	0.000120	0.024	0.00000001464
02006HA	10 RAW-FRESH OR NFS 21 COOKED-NFS ORANGES-PEEL	3.000	P	0.000407	0.081	0.00000004965	0.00008	0.000000	0.000	0.000000000000
02006JA	21 COOKED-NFS 31 COOKED-FRESH OR CANNED ORANGES-JUICE	3.000	P	5.911523	1182.305	0.00072120581	0.00020	0.000212	0.042	0.00000002586
02007AA	15 RAW-FRESH OR CANNED 31 COOKED-FRESH OR CANNED TANGELOS	3.000	P	0.001278	0.256	0.00000015592	0.00002	0.000001	0.000	0.00000000012
02008AA	10 RAW-FRESH OR NFS TANGERINES	3.000	P	0.026532	5.306	0.00000323690	0.00080	0.000007	0.001	0.00000000085
02008JA	10 RAW-FRESH OR NFS TANGERINE-JUICE	3.000	P	0.000453	0.091	0.00000005527	0.00020	0.000000	0.000	0.00000000000
CROP GROUP TOTALS FOR CITRUS FRUITS:		7.208826		1441.765		0.00087947677	0.000417		0.083	0.00000005087
04001AA	APPLES-FRESH	0.500	P	0.228364	45.673	0.00002786041	0.00026	0.000080	0.016	0.00000000976
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000003	0.001	0.00000000037
	31 COOKED-FRESH OR CANNED						0.00003	0.000003	0.001	0.00000000037
04001DA	62 COOKED-FRESH OR FROZEN-BAKED APPLES-DRIED	0.500	P	0.000826	0.165	0.00000010077	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
	62 COOKED-FRESH OR FROZEN-BAKED						0.00003	0.000000	0.000	0.00000000000

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #9992ZZZ	1yr feeding-dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	UF -->100	OPP RfD= 0.000500				
CAS No.	A.I. CODE:	LEL=	0.00 ppm	Evidence of oncogenicity	in rats (pancreas, leuk.)		EPA RfD= 0.000000				
CFR No.	ONCO: C (HED); C (SAP)		0.00 ppm	and mice (stomach)		Q* = 0.12200					

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
04001JA	APPLES- JUICE	0.500	P	0.166237	33.247	0.00002028091	0.00026	0.000044	0.009	0.00000000537
	15 RAW-FRESH OR CANNED						0.00003	0.000001	0.000	0.00000000012
04002AA	CRAAPPLES	0.500	P	0.000187	0.037	0.00000002281	0.00026	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000014	0.003	0.00000000171
04003AA	PEARS-FRESH	0.500	P	0.061237	12.247	0.00000747091	0.00003	0.000001	0.000	0.00000000012
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000
	51 COOKED-CANNED						0.00003	0.000000	0.000	0.00000000000
04003DA	PEARS-DRIED	0.500	P	0.000105	0.021	0.00000001281	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00026	0.000000	0.000	0.00000000000
04004AA	QUINCES	0.500	P	0.000093	0.019	0.00000001135	0.00026	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
CROP GROUP TOTALS FOR POME FRUITS:		0.457049		91.410	0.0000575998	0.000145		0.00145	0.029	0.00000001769
05001AA	APRICOTS-FRESH	0.500	P	0.016845	3.369	0.00000205509	0.00026	0.000001	0.000	0.00000000012
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000001	0.000	0.00000000012
05001DA	APRICOTS-DRIED	0.500	P	0.001212	0.242	0.00000014786	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
05002AA	CERRIES-FRESH	0.500	P	0.016088	3.218	0.00000196274	0.00026	0.000002	0.000	0.00000000024
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	31 COOKED-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000
05002DA	CERRIES-DRIED	0.500	P	0.000002	0.000	0.00000000024	0.00026	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00026	0.000001	0.000	0.00000000012
05002JA	CERRIES-JUICE	0.500	P	0.002556	0.511	0.00000031183	0.00026	0.000000	0.000	0.00000000000
	15 RAW-FRESH OR CANNED						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00026	0.000003	0.001	0.00000000037
05003AA	NECTARINES	0.500	P	0.006483	1.297	0.00000079093	0.00026	0.000003	0.001	0.00000000037
	10 RAW-FRESH OR NFS						0.00390	0.000392	0.078	0.00000004782
05004AA	PEACHES-FRESH	0.500	P	0.107696	21.539	0.00001313891	0.00039	0.000004	0.001	0.00000000049
	10 RAW-FRESH OR NFS						0.00039	0.000031	0.006	0.000000000378
	21 COOKED-NFS									
	31 COOKED-FRESH OR CANNED									

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TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/22/95

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Maled	Caswell #999222	1yr feeding- dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	UF -->100	OPP RfD= 0.000500				
CAS No.	A.I. CODE:	LEL=	0.00 ppm	Evidence of oncogenicity	in rats (pancreas, leuk.)		EPA RfD= 0.000000				
CFR No.	ONCO: C (HED); C (SAP)		0.00 ppm	and mice (stomach)		Q*: 0.12200					

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
05004DA	51 COOKED-CANNED PEACHES-DRIED	0.500	P	0.000174	0.035	0.00000002123	0.00039	0.000010	0.002	0.00000000122
	10 RAW-FRESH OR NFS						0.00390	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00039	0.000000	0.000	0.00000000000
05005AA	PLUMS (DAMSONS)-FRESH	0.500	P	0.012431	2.486	0.00000151658	0.00026	0.000005	0.001	0.00000000061
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
05005DA	31 COOKED-FRESH OR CANNED PLUMS-PRUNES(DRIED)	0.500	P	0.008711	1.742	0.00000106274	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
05005JA	31 COOKED-FRESH OR CANNED PLUMS, PRUNE-JUICE	0.500	P	0.009628	1.926	0.00000117462	0.00026	0.000004	0.001	0.00000000049
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	62 COOKED-FRESH OR FROZEN-BAKED									
CROP GROUP TOTALS FOR STONE FRUITS:		0.181826		36.365	0.00002218277		0.000454		0.091	0.00000005539
01024AA	JUNE BERRY	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:		0.000000		0.000	0.00000000000		0.000000		0.000	0.00000000000
15004AA	CORN, POP	0.500	P	0.003386	0.677	0.00000041309	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00026	0.000000	0.000	0.00000000000
15005AA	CORN, SWEET	0.500	P	0.118354	23.671	0.00001443919	0.00003	0.000005	0.001	0.00000000061
	10 RAW-FRESH-OR NFS						0.00003	0.000001	0.000	0.00000000012
	21 COOKED-NFS						0.00003	0.000001	0.000	0.00000000012
24001AA	31 COOKED-FRESH OR CANNED BARLEY	0.500	P	0.028650	5.730	0.00000349530	0.00003	0.000001	0.000	0.00000000012
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
24002EA	CORN, GRAIN-ENDOSPERM	0.500	P	0.082700	16.540	0.00001008940	0.00003	0.000001	0.000	0.00000000012
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000001	0.000	0.00000000012
	22 COOKED-FRESH-BAKED						0.00003	0.000003	0.001	0.00000000037
	23 COOKED-FRESH-BOILED						0.00003	0.000001	0.000	0.00000000012
24002HA	CORN, GRAIN-BRAN	0.500	P	0.000000	0.000	0.00000000000	0.00003	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
24002SA	CORN SUGAR	0.500	P	0.072875	14.575	0.00000889075	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000003	0.001	0.00000000037
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED									

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding-dog	NOEL=	Plasma & RBC CHE inhibi-	UF -->100	OPP RfD= 0.000500 EPA RfD= 0.000000	g*: 0.12200					
Caswell #999ZZZ	NOEL=	0.0500 mg/kg	tion in M&F; Brain CHE in-								
CAS No.	0.00 Ppm		hibition in M.								
A.I. CODE:	LEL=	0.1000 mg/kg	Evidence of oncogenicity								
CFR No.	0.00 Ppm		in rats (pancreas, leuk.)								
	ONCO: C (HED); C (SAP)		and mice (stomach)								

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
24003AA	OATS	0.500	P	0.041287	8.257	0.00000503701	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000001	0.000	0.00000000012
	22 COOKED-FRESH-BAKED						0.00003	0.000001	0.000	0.00000000012
	23 COOKED-FRESH-BOILED						0.00003	0.000001	0.000	0.00000000012
24004AA	RICE-ROUGH	0.500	P	0.001530	0.306	0.00000018666	0.00025	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00025	0.000001	0.000	0.00000000012
	23 COOKED-FRESH-BOILED						0.00025	0.000002	0.000	0.00000000024
24004AB	RICE-MILLED	0.500	P	0.076531	15.526	0.00000947098	0.00025	0.000013	0.003	0.00000000159
	21 COOKED-NFS						0.00025	0.000005	0.001	0.00000000061
	22 COOKED-FRESH-BAKED						0.00025	0.000018	0.004	0.00000000220
	23 COOKED-FRESH-BOILED						0.00025	0.000002	0.000	0.00000000024
24005AA	RYE-ROUGH	0.500	P	0.000000	0.000	0.00000000000	0.00003	0.000000	0.000	0.00000000000
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.00000000000
24005GA	RYE-GERM	0.500	P	0.000137	0.027	0.00000001671	0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
24005MA	RYE-FLOUR	0.500	P	0.002014	0.403	0.00000024571	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
24006AA	SORGHUM (INCLUDING MILO)	0.500	P	0.011884	2.377	0.00000144985	0.00003	0.000001	0.000	0.00000000012
	00 NOT SPECIFIED (NO CONSUMPTION)						0.00003	0.000000	0.000	0.00000000000
24007AA	WHEAT-ROUGH	0.500	P	0.070306	14.061	0.00000857733	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000002	0.000	0.00000000024
	23 COOKED-FRESH-BOILED						0.00003	0.000001	0.000	0.00000000012
24007GA	WHEAT-GERM	0.500	P	0.000403	0.081	0.00000004917	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
24007HA	WHEAT-BRAN	0.500	P	0.006079	1.216	0.00000074164	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000
	22 COOKED-FRESH-BAKED						0.00003	0.000000	0.000	0.00000000000
24007NA	WHEAT-FLOUR	0.500	P	0.628624	125.725	0.00007669213	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000018	0.004	0.00000000220
	21 COOKED-NFS						0.00003	0.000012	0.002	0.00000000146
	22 COOKED-FRESH-BAKED						0.00003	0.000002	0.000	0.00000000024
24012AA	MILLET	0.500	P	0.000011	0.002	0.00000000134	0.00003	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS						0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS						0.00003	0.000000	0.000	0.00000000000

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CHEMICAL INFORMATION			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled			1yr feeding- dog		Plasma & RBC CHE inhibi- tion in M&F; Brain CHE in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000					
Caswell #999ZZZ			NOEL= 0.0500 mg/kg									
CAS No.			0.00 ppm									
A.I. CODE:			LEL= 0.1000 mg/kg									
CFR No.			0.00 ppm									
ONCO: C (HED); C (SAP)												
COMMODITY CONTRIBUTION BY RAC FOR: U.S. POPULATION - 48 STATES												
FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	THRC TYPE (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK			
26001AA	BUCKWHEAT	0.500	P 0.000494	0.099	0.0000006027	0.00003	0.000000	0.000	0.0000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.0000000000			
	22 COOKED-FRESH-BAKED					0.00003	0.000000	0.000	0.0000000000			
	25 COOKED-FRESH-FRIED					0.00003	0.000000	0.000	0.0000000000			
270020A	CORN, GRAIN-OIL	0.500	P 0.011400	2.280	0.00000139080	0.00000	0.000000	0.000	0.00000000000.			
	18 PROCESSED OIL											
CROP GROUP TOTALS FOR CEREAL GRAINS:				1.157765	231.553	0.0001424733	0.000092	0.018	0.00000001122			
03001AA	ALMONDS	0.500	P 0.001402	0.280	0.00000017104	0.00005	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00001	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00001	0.000000	0.000	0.00000000000			
03002AA	BRAZIL NUTS	0.500	P 0.000026	0.005	0.00000000317	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
03003AA	CASHEWS	0.500	P 0.000569	0.114	0.00000006942	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
03004AA	CHESTNUTS	0.500	P 0.000088	0.018	0.00000001074	0.00003	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
03005AA	FILBERTS, HAZELNUTS	0.500	P 0.000198	0.040	0.00000002416	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
03006AA	HICKORY NUTS	0.500	P 0.000003	0.001	0.00000000037	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
03007AA	MACADAMIA NUTS (BUSH NUTS)	0.500	P 0.000024	0.005	0.00000000293	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00026	0.000000	0.000	0.00000000000			
03008AA	PECANS	0.500	P 0.002412	0.482	0.00000029426	0.00026	0.000000	0.000	0.00000000000			
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000			
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000			
	22 COOKED-FRESH-BAKED					0.00003	0.000000	0.000	0.00000000000			
	23 COOKED-FRESH-BOILED					0.00003	0.000000	0.000	0.00000000000			
	62 COOKED-FRESH OR FROZEN-BAKED					0.00003	0.000000	0.000	0.00000000000			
03009AA	WALNUTS	0.500	P 0.002412	0.482	0.00000029426	0.00003	0.000000	0.000	0.00000000000			
	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			
03010AA	BUTTER NUTS	0.500	P 0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.00000000000			
	00 NOT SPECIFIED (NO CONSUMPTION)											

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled		1yr feeding-	dog	Plasma & RBC Che inhibi-		OPR RfD= 0.000500					
Caswell #999222		NOEL=	0.0500 mg/kg	ion in M&F; Brain Che in-		UF -->100					
CAS No.			0.00 ppm	hibition in M.		EPA RfD= 0.000000					
A.I. CODE:		LEL=	0.1000 mg/kg	Evidence of oncogenicity							
CFR No.			0.00 ppm	in rats (pancreas, leuk.)							
		ONCO: C (HED); C (SAP)		and mice (stomach)		q*: 0.12200					

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	TYPE	THRC (UG/KG/DAY)	%FED	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%FED	ARC ONCO RISK
03013AA	BEECHNUTS	0.500	P	0.000000	0.000	0.000000000000	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
CROP GROUP TOTALS FOR TREE NUTS:		0.007134		1.427	0.00000087035		0.000000	0.000000	0.000	0.000000000000
08004AA	ANICE	0.500	P	0.000060	0.012	0.000000000732	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08006AA	BASIL	0.500	P	0.000093	0.019	0.00000001135	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08007AA	CARRAWAY	0.500	P	0.000348	0.070	0.00000004246	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08011AA	CINNAMON	0.500	P	0.000085	0.017	0.00000001037	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08012AA	CLOVE	0.500	P	0.000102	0.020	0.00000001244	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08013AA	CORIANDE	0.500	P	0.000425	0.085	0.00000005185	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08014AA	CUMIN	0.500	P	0.000441	0.088	0.00000005380	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08015AA	DILL	0.500	P	0.000043	0.009	0.00000000525	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08019AA	GINGER	0.500	P	0.000441	0.088	0.00000005380	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08022AA	HORSERADISH	0.500	P	0.000039	0.008	0.00000000476	0.00026	0.000000	0.000	0.000000000000
	11 RAW-FRESH-PICKLED, CORNED, OR CURED									
08023AA	ROSEMARY	0.500	P	0.000034	0.007	0.00000000415	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08026AA	MARJORAM	0.500	P	0.000043	0.009	0.00000000525	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08026AB	OREGANO	0.500	P	0.000340	0.068	0.00000004148	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08029AA	NUTMEG	0.500	P	0.000195	0.039	0.00000002379	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08029AB	MACE	0.500	P	0.000025	0.005	0.00000000305	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08035AA	SAGE	0.500	P	0.000161	0.032	0.00000001964	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08036AA	SAVORY	0.500	P	0.000008	0.002	0.00000000098	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									
08038AA	BAY	0.500	P	0.000000	0.000	0.00000000000	0.00026	0.000000	0.000	0.000000000000
	00 NOT SPECIFIED (NO CONSUMPTION)									

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CHEMICAL INFORMATION			STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled Caswell #999222 CAS No. A.I. CODE: CFR No.			1yr feeding- dog NOEL= 0.0500 mg/kg 0.00 ppm LEL= 0.1000 mg/kg 0.00 ppm ONCO: C (HED); C (SAP)		Plasma & RBC Che inhibi- tion in M&F; Brain Che in- hibition in M. Evidence of oncogenicity in rats (pancreas, leuk.) and mice (stomach)		UF -->100 OPP RfD= 0.000500 EPA RfD= 0.000000					
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		
53002BA	GOAT-MEAT BYPRODUCTS 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.000000000000	0.00063	0.000433	0.087	0.00000005283		
53002BB	GOAT (ORGAN MEATS)-OTHER 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53002FA	GOAT (BONELESS)-FAT 23 COOKED-FRESH-BOILED	0.050	P	0.000002	0.000	0.000000000024	0.00025	0.000000	0.000	0.000000000000		
53002KA	GOAT (ORGAN MEATS)-KIDNEY 25 COOKED-FRESH-FRIED	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53002LA	GOAT (ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53002MA	GOAT (BONELESS)-LEAN(M/O REMOVEABLE FAT) 23 COOKED-FRESH-BOILED	0.050	P	0.000009	0.002	0.00000000110	0.00025	0.000000	0.000	0.000000000000		
53003AA	HORSE 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53004AA	RABBIT 21 COOKED-NFS 25 COOKED-FRESH-FRIED	0.500	P	0.000710	0.142	0.00000008662	0.00003	0.000000	0.000	0.000000000000		
53005BA	SHEEP-MEAT BYPRODUCTS 21 COOKED-NFS	0.050	P	0.000003	0.001	0.00000000037	0.00025	0.000000	0.000	0.000000000000		
53005BB	SHEEP (ORGAN MEATS)-OTHER 21 COOKED-NFS	0.050	P	0.000001	0.000	0.00000000012	0.00025	0.000000	0.000	0.000000000000		
53005FA	SHEEP (BONELESS)-FAT 21 COOKED-NFS	0.050	P	0.000215	0.043	0.00000002623	0.00025	0.000001	0.000	0.00000000012		
53005KA	SHEEP (ORGAN MEATS)-KIDNEY 21 COOKED-NFS	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53005LA	SHEEP (ORGAN MEATS)-LIVER 00 NOT SPECIFIED (NO CONSUMPTION)	0.050	P	0.000000	0.000	0.000000000000	0.00025	0.000000	0.000	0.000000000000		
53005MA	SHEEP(BONELESS)-LEAN(M/O REMOVEABLE FAT) 21 COOKED-NFS 31 COOKED-FRESH OR CANNED	0.050	P	0.000624	0.125	0.00000007613	0.00025	0.000003	0.001	0.00000000037		
53006BA	PORK-MEAT BYPRODUCTS 21 COOKED-NFS	0.050	P	0.001254	0.251	0.00000015299	0.00025	0.000006	0.001	0.00000000073		
53006BB	PORK (ORGAN MEATS)-OTHER 21 COOKED-NFS 26 COOKED-FRESH-PICKLED, CORNED, OR CURED	0.050	P	0.000192	0.038	0.00000002342	0.00025	0.000001	0.000	0.00000000012		

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 03/22/95

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CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	Caswell #999222	1yr feeding-dog	NOEL= 0.0500 mg/kg	Plasma & RBC CHE inhibi-	ion in M&F; Brain CHE in-	OP RfD= 0.000500	UF -->100				
CAS No.	A.I. CODE:	LEL=	0.00 ppm	hibition in M.	Evidence of oncogenicity	EPA RfD= 0.000000					
CFR No.			0.1000 mg/kg	in rats (pancreas, leuk.)	and mice (stomach)	Q*: 0.12200					
		ONCO: C (HED); C (SAP)	0.00 ppm								

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)	THRC TYPE (UG/KG/DAY)	%RFD	THRC ONCO RISK	ANTICIPATED RESIDUE (PPM)	ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK	
55015LA	CHICKEN-GIBLETS (LIVER)	0.050	P	0.000253	0.051	0.00000003087	0.00005	0.000000	0.000	0.00000000000
	21 COOKED-NFS					0.00005	0.000000	0.000	0.00000000000	
	25 COOKED-FRESH-FRIED					0.00005	0.000000	0.000	0.00000000000	
55015MA	CHICKEN-FLESH (W/O SKIN, W/O BONES)	0.050	P	0.003007	0.601	0.00000036685	0.00005	0.000002	0.000	0.00000000024
	21 COOKED-NFS					0.00005	0.000000	0.000	0.00000000000	
	22 COOKED-FRESH-BAKED					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	
	53 COOKED-CANNED-BOILED					0.00005	0.000000	0.000	0.00000000000	
55015MB	CHICKEN-FLESH (WITH SKIN, W/O BONES)	0.050	P	0.018966	3.793	0.00000231385	0.00005	0.000010	0.002	0.00000000122
	21 COOKED-NFS					0.00005	0.000009	0.002	0.00000000110	
	25 COOKED-FRESH-FRIED									
CROP GROUP TOTALS FOR POULTRY:		0.025334		5.067	0.00000309075	0.000023	0.00023	0.005	0.00000000261	
53010AA	FISH-UNSPECIFIED	0.500	P	0.000206	0.041	0.00000002513	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
53013AA	FISH-SHELLFISH	0.500	P	0.017208	3.442	0.00000209938	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS					0.00003	0.000001	0.000	0.00000000012	
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
	25 COOKED-FRESH-FRIED					0.00003	0.000000	0.000	0.00000000000	
53015AA	FISH-ROE,CAVIAR	0.500	P	0.000066	0.013	0.00000000805	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
	51 COOKED-CANNED					0.00003	0.000000	0.000	0.00000000000	
53016AA	FISH-FRESHWATER FINFISH	0.500	P	0.014913	2.983	0.00000181939	0.00003	0.000000	0.000	0.00000000000
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
	25 COOKED-FRESH-FRIED					0.00003	0.000000	0.000	0.00000000000	
53017AA	FISH-SALTWATER FINFISH	0.500	P	0.094398	18.880	0.00001151656	0.00026	0.000000	0.000	0.00000000000
	10 RAW-FRESH OR NFS					0.00003	0.000000	0.000	0.00000000000	
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
	25 COOKED-FRESH-FRIED					0.00003	0.000000	0.000	0.00000000000	
53017DA	FISH-FINFISH-SALTWATER-DRIED	0.500	P	0.000051	0.010	0.00000000622	0.00026	0.000000	0.000	0.00000000000
	12 RAW-FRESH-DRIED					0.00003	0.000000	0.000	0.00000000000	
	21 COOKED-NFS					0.00003	0.000000	0.000	0.00000000000	
CROP GROUP TOTALS FOR FISH:		0.126842		25.368	0.00001547472	0.000006	0.000006	0.001	0.00000000073	

74

CHEMICAL INFORMATION		STUDY TYPE		EFFECTS		REFERENCE DOSES		DATA GAPS/COMMENTS		STATUS	
DDVP from Naled	1yr feeding- dog	NOEL=	Plasma & RBC Che inhibi-	UF -->100		OPP RfD= 0.000500					
Caswell #999222Z	NOEL=	0.0500 mg/kg	ion in M&F; Brain Che in-	EPA RfD= 0.0000000							
CAS No.	LEI=	0.00 ppm	hibition in M.								
A.I. CODE:	LEI=	0.1000 mg/kg	Evidence of oncogenicity								
CFR No.	ONCO: C (HED); C (SAP)	0.00 ppm	in rats (pancreas, leuk.)								
				Q* = 0.12200							

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

FOOD CODE	FOODNAME/FOODFORM	TOLERANCE (PPM)		TMRC TYPE (UG/KG/DAY)	TMRC %RFD	TMRC ONCO RISK		ANTICIPATED RESIDUE (PPM)		ARC (UG/KG/DAY)	%RFD	ARC ONCO RISK
500000B	MILK-NON-FAT SOLIDS	0.050	P	0.355643	71.129	0.00004338845		0.00013	0.000713	0.143		0.00000008699
	10 RAW-FRESH OR NFS							0.00001	0.000015	0.003		0.00000000183
	21 COOKED-NFS							0.00001	0.000003	0.001		0.00000000037
50000FA	MILK-FAT SOLIDS	0.050	P	0.169181	33.836	0.00002064008		0.00013	0.000333	0.067		0.00000004063
	10 RAW-FRESH OR NFS							0.00001	0.000009	0.002		0.00000000110
	21 COOKED-NFS							0.00001	0.000000	0.000		0.00000000000
50000SA	MILK SUGAR (LACTOSE)	0.050	P	0.001871	0.374	0.00000022826		0.00001	0.000000	0.000		0.00000000000
	21 COOKED-NFS							0.00001	0.000000	0.000		0.00000000000
55014AA	EGGS-WHOLE	0.050	P	0.028225	5.645	0.00000344345		0.00042	0.000002	0.000		0.00000000024
	10 RAW-FRESH OR NFS							0.00004	0.000013	0.003		0.00000000159
	21 COOKED-NFS							0.00004	0.000002	0.000		0.00000000024
	22 COOKED-FRESH-BAKED							0.00004	0.000001	0.000		0.00000000012
	23 COOKED-FRESH-BOILED							0.00004	0.000007	0.001		0.00000000065
55014AB	EGGS-WHITE ONLY	0.050	P	0.000460	0.092	0.00000005612		0.00042	0.000000	0.000		0.00000000000
	10 RAW-FRESH OR NFS							0.00004	0.000000	0.000		0.00000000000
	21 COOKED-NFS							0.00004	0.000000	0.000		0.00000000000
	22 COOKED-FRESH-BAKED							0.00004	0.000000	0.000		0.00000000000
	23 COOKED-FRESH-BOILED							0.00004	0.000000	0.000		0.00000000000
	25 COOKED-FRESH-FRIED							0.00004	0.000000	0.000		0.00000000000
55014AC	EGGS-YOLK ONLY	0.050	P	0.000332	0.066	0.00000004050		0.00042	0.000000	0.000		0.00000000000
	10 RAW-FRESH OR NFS							0.00004	0.000000	0.000		0.00000000000
	21 COOKED-NFS							0.00004	0.000000	0.000		0.00000000000
	25 COOKED-FRESH-FRIED							0.00004	0.000000	0.000		0.00000000000
	31 COOKED-FRESH OR CANNED							0.00004	0.000000	0.000		0.00000000000
CROP GROUP TOTALS FOR DAIRY PRODUCTS:				0.555712	111.142	0.00006779686		0.001098	0.220	0.00000013396		

GRAND TOTALS FOR U.S. POPULATION - 48 STATES

13.761289 2752.258 0.00167887726

0.005665

1.173

0.00000071553

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

 NAME: MALED STUDY RDV MOEL SF STUDY TYPE SPECIES EFF. LEV. CORE GRADE DOC. NO.
 *CASWELL NO: 586 CFR NO: CFR180.215 A 00000.0020 000010.000 000100 Subchronic Dog Enzymatic Supplement
 *CAS NO: 00300-76-5 SHAUGHNESSY NO: 034401 B 00000.0300 000030.000 000100 Subchronic Rat Enzymatic Supplement
 *STATUS CODES: C
 *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.
 *U.S. POP.--48 STATES
 AR DATA: No User Modifications

ESTIMATES BASED ON TOLERANCES:
 ANTICIPATED RESIDUES:
 ESTIMATED % OF POTENTIAL MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY
 PERSON DAYS THAT ARE USER-DAYS MG/KG BODY WEIGHT/DAY AS PERCENT OF RDV
 0.00 0.000000 0.00
 99.83 0.000444 4.44
 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

0
 100 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 3 4 5 10 15 20

250

MOE

INFANTS(<1 YEAR)
 ESTIMATES BASED ON TOLERANCES:
 ANTICIPATED RESIDUES:
 ESTIMATED % OF POTENTIAL MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY
 PERSON DAYS THAT ARE USER-DAYS MG/KG BODY WEIGHT/DAY AS PERCENT OF RDV
 0.00 0.000000 0.00
 94.21 0.000862 8.62
 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 100 11 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 3 4 5 10 15 20

167

CHILDREN(1-6 YRS)
 ESTIMATES BASED ON TOLERANCES:
 ANTICIPATED RESIDUES:
 ESTIMATED % OF POTENTIAL MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY
 PERSON DAYS THAT ARE USER-DAYS MG/KG BODY WEIGHT/DAY AS PERCENT OF RDV
 0.00 0.000000 0.00
 99.99 0.001042 10.42
 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 100 11 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 3 4 5 10 15 20

125

FEMALES(13+ YRS)
 ESTIMATES BASED ON TOLERANCES:
 ANTICIPATED RESIDUES:
 ESTIMATED % OF POTENTIAL MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY
 PERSON DAYS THAT ARE USER-DAYS MG/KG BODY WEIGHT/DAY AS PERCENT OF RDV
 0.00 0.000000 0.00
 99.86 0.000345 3.45
 ESTIMATED % OF POPULATION USER-DAYS WITH RESIDUE CONTRIBUTION EXCEEDING X TIMES THE RDV, FOR X=

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 100 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 .2 .4 .6 .8 1 1.2 1.4 1.6 1.8 2 3 4 5 10 15 20

256

MALES(13+ YRS)

ESTIMATED % OF POTENTIAL

MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY

ESTIMATES BASED ON

TOLERANCES:

ANTICIPATED RESIDUES:

PERSON DAYS THAT ARE USER-DAYS

MG/KG BODY WEIGHT/DAY

AS PERCENT OF RDV

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

TOLERANCES:
ANTICIPATED RESIDUES:

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

250

77

PROF.

(moe=167 at 95% .il)

(mae = 16.7 at 96th 9.0 il)

125

MALES(13+ YRS)

ESTIMATES BASED ON		ESTIMATED % OF POTENTIAL		MEAN DAILY RESIDUE CONTRIBUTION PER USER-DAY															
TOLERANCES:	PERSON DAYS THAT ARE USER-DAYS	MG/KG BODY WEIGHT/DAY	AS PERCENT OF RDV																
ANTICIPATED RESIDUES:	0.00	0.000000	0.00																
	99.95	0.000417	8.34																
	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	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		

125