

US EPA ARCHIVE DOCUMENT

1-27-95

1-27-95

CHEMICAL INFORMATION FOR CASWELL NUMBER 025A

PAGE: 1

DATE: 01/27/95

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethrin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCG: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP Rfd= 0.005000 EPA Rfd= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

(D-TRANS ALLETHRIN)

FOOD CODE	FOOD NAME	PETITION NUMBER	NEW	TOLERANCE (PPM)	PUBLISHED
01002AA	BLACKBERRIES	NOPET#		4.000000	
01003AA	BOYSENBERRIES	NOPET#		4.000000	
01004AA	DEMBERRIES	NOPET#		4.000000	
01005AA	LOGANBERRIES	NOPET#		4.000000	
01006AA	RASPBERRIES	NOPET#		4.000000	
01009AA	BLUEBERRIES	NOPET#		4.000000	
01011AA	CURRANTS	NOPET#		4.000000	
01013AA	GOOSEBERRIES	NOPET#		4.000000	
01014AA	GRAPES-FRESH	NOPET#		4.000000	
01014DA	GRAPES-RAISINS	NOPET#		4.000000	
01014JA	GRAPES-JUICE	NOPET#		4.000000	
01015AA	HUCKLEBERRIES (GAYLUSSACIA)	NOPET#		4.000000	
02006AA	ORANGES-UNSPECIFIED	NOPET#		4.000000	
02006AB	ORANGES-PULP	NOPET#		4.000000	
02006HA	ORANGES-PEEL	NOPET#		4.000000	
02006JA	ORANGES-JUICE	NOPET#		4.000000	
04001AA	APPLES-FRESH	NOPET#		4.000000	
04001DA	APPLES-DRIED	NOPET#		4.000000	
04001JA	APPLES-JUICE	NOPET#		4.000000	
04002AA	CRABAPPLES	NOPET#		4.000000	
04003AA	PEARS-FRESH	NOPET#		4.000000	
04003DA	PEARS-DRIED	NOPET#		4.000000	
05002AA	CHERRIES-FRESH	NOPET#		4.000000	
05002DA	CHERRIES-DRIED	NOPET#		4.000000	
05002JA	CHERRIES-JUICE	NOPET#		4.000000	
05004AA	PEACHES-FRESH	NOPET#		4.000000	
05004DA	PEACHES-DRIED	NOPET#		4.000000	
05005AA	PLUMS(DAWSONS)-FRESH	NOPET#		4.000000	
05005DA	PLUMS-PRUNES(DRIED)	NOPET#		4.000000	
05005JA	PLUMS, PRUNE-JUICE	NOPET#		4.000000	
06005AA	FIGS	NOPET#		4.000000	
06006AA	GUAVA	NOPET#		4.000000	
06007AA	MANGOES	NOPET#		4.000000	
06013AA	PINEAPPLE-FRESH,PULP	NOPET#		4.000000	
06013DA	PINEAPPLE-DRIED	NOPET#		4.000000	
06013JA	PINEAPPLE-FRESH,JUICE	NOPET#		4.000000	
10002AA	CANTALOUPE-UNSPECIFIED	NOPET#		4.000000	
10002AB	CANTALOUPE-PULP	NOPET#		4.000000	
10003AA	CASABAS	NOPET#		4.000000	
10004AA	CRENSHAW	NOPET#		4.000000	

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP Rfd= 0.005000 EPA Rfd= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

FOOD CODE	FOOD NAME	PETITION NUMBER	NEW	TOLERANCE (PPM)	PUBLISHED
10005AA	HONEYDEW MELONS	NOPET#		4.000000	
10007AA	PERSTON MELONS	NOPET#		4.000000	
11005AA	TOMATOES-WHOLE	NOPET#		4.000000	
11005JA	TOMATOES-JUICE	NOPET#		4.000000	
11005RA	TOMATOES-PUREE	NOPET#		4.000000	
11005TA	TOMATOES-PASTE	NOPET#		4.000000	
11005UA	TOMATOES-CATSUP	NOPET#		4.000000	
15004AA	CORN, POP	132		2.000000	
15005AA	CORN, SWEET	132		2.000000	
24001AA	BARLEY	132		2.000000	
24002EA	CORN, GRAIN-ENDOSPERM	132		2.000000	
24002HA	CORN, GRAIN-BRAN	132		2.000000	
24002SA	CORN SUGAR	132		2.000000	
24003AA	OATS	132		2.000000	
24005AA	RYE-ROUGH	132		2.000000	
24005GA	RYE-GERM	132		2.000000	
24005WA	RYE-FLOUR	132		2.000000	
24006AA	SORGHUM (INCLUDING MILO)	132		2.000000	
24007AA	WHEAT-ROUGH	132		2.000000	
24007GA	WHEAT-GERM	132		2.000000	
24007HA	WHEAT-BRAN	132		2.000000	
24007WA	WHEAT-FLOUR	132		2.000000	
43058AA	WINE AND SHERRY	NOPET#		4.000000	

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.115	6mo feeding- dog NOEL= 5,0000 mg/kg 200.00 ppm LEL= 25,0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP RfD= 0.005000 EPA RfD= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

EFFECT OF ANTICIPATED RESIDUES

POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY)	NEW TMRC**	NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	ARC	%RFD
U.S. POPULATION - 48 STATES	0.025455	0.025455	509.097340	0.000000		
U.S. POPULATION - SPRING SEASON	0.024148	0.024148	482.954840	0.000000		
U.S. POPULATION - SUMMER SEASON	0.025478	0.025478	509.555520	0.000000		
U.S. POPULATION - FALL SEASON	0.025900	0.025900	518.003740	0.000000		
U.S. POPULATION - WINTER SEASON	0.026063	0.026063	521.255960	0.000000		
NORTHEAST REGION	0.029547	0.029547	590.942260	0.000000		
NORTH CENTRAL REGION	0.025287	0.025287	505.735140	0.000000		
SOUTHERN REGION	0.021026	0.021026	420.513440	0.000000		
WESTERN REGION	0.027537	0.027537	550.744840	0.000000		
HISPANICS	0.030861	0.030861	617.214860	0.000000		
NON-HISPANIC WHITES	0.025512	0.025512	510.238600	0.000000		
NON-HISPANIC BLACKS	0.021587	0.021587	431.730280	0.000000		
NON-HISPANIC OTHERS	0.029613	0.029613	592.265700	0.000000		
NURSING INFANTS (< 1 YEAR OLD)	0.049375	0.049375	987.502780	0.000000		
NON-NURSING INFANTS (< 1 YEAR OLD)	0.082891	0.082891	1657.822400	0.000000		
FEMALES (13+ YEARS, PREGNANT)	0.019998	0.019998	399.957140	0.000000		
FEMALES 13+ YEARS, NURSING	0.021090	0.021090	421.791520	0.000000		
CHILDREN (1-6 YEARS OLD)	0.065984	0.065984	1319.684700	0.000000		
CHILDREN (7-12 YEARS OLD)	0.038343	0.038343	766.866700	0.000000		
MALES (13-19 YEARS OLD)	0.022555	0.022555	451.103380	0.000000		
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.020059	0.020059	401.170400	0.000000		
MALES (20 YEARS AND OLDER)	0.016562	0.016562	331.248400	0.000000		
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.017442	0.017442	348.844580	0.000000		

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

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 01/27/95

PAGE: 1

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethrin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP RfD= 0.005000 EPA RfD= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

-----TOLERANCE (PPM)-----

FOOD CODE	FOOD NAME	NEW	PENDING	PUBLISHED	TMRC (UG/KG/DAY)	%RfD	TMRC (UG/KG/DAY)	%RfD
06005AA	FIGS			4.00000	0.004346	0.0869		
06006AA	GUAVA			4.00000	0.000000	0.0000		
06007AA	MANGOES			4.00000	0.000000	0.0000		
06013AA	PINEAPPLE-FRESH,PULP			4.00000	0.418749	8.3749		
06013DA	PINEAPPLE-DRIED			4.00000	0.000000	0.0000		
06013JA	PINEAPPLE-FRESH, JUICE			4.00000	1.499898	29.9979		
43058AA	WINE AND SHERRY			4.00000	0.000000	0.0000		
CROP GROUP TOTALS FOR UNSPECIFIED:					1.922993	38.4598		

GRAND TOTAL TMRC: 1.922993 GRAND TOTAL % OF THE RfD: 38.4599

GRAND TOTAL TMRC: 1.922993 GRAND TOTAL % OF THE RfD: 38.4599

11005AA	TOMATOES-WHOLE			4.00000	1.812746	36.2549		
11005JA	TOMATOES-JUICE			4.00000	0.000000	0.0000		
11005RA	TOMATOES-PUREE			4.00000	1.383339	27.6667		
11005TA	TOMATOES-PASTE			4.00000	0.651542	13.0308		
11005UA	TOMATOES-CATSUP			4.00000	0.037654	0.7530		
CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITS):					3.885281	77.7056		

GRAND TOTAL TMRC: 3.885281 GRAND TOTAL % OF THE RfD: 77.7056

GRAND TOTAL TMRC: 3.885281 GRAND TOTAL % OF THE RfD: 77.7056

10002AA	CANTALOUPE-UNSPECIFIED			4.00000	0.000000	0.0000		
10002AB	CANTALOUPE-PULP			4.00000	0.030361	0.6072		
10003AA	CASABAS			4.00000	0.000000	0.0000		
10004AA	CRENSHAW			4.00000	0.000000	0.0000		
10005AA	HONEYDEW MELONS			4.00000	0.020800	0.4160		
10007AA	PERSTON MELONS			4.00000	0.000000	0.0000		
CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):					0.051161	1.0232		

GRAND TOTAL TMRC: 0.051161 GRAND TOTAL % OF THE RfD: 1.0232

GRAND TOTAL TMRC: 0.051161 GRAND TOTAL % OF THE RfD: 1.0232

02006AA	ORANGES-UNSPECIFIED			4.00000	0.000000	0.0000		
02006AB	ORANGES-PULP			4.00000	0.155890	3.1178		
02006HA	ORANGES-PEEL			4.00000	0.000232	0.0046		
02006JA	ORANGES-JUICE			4.00000	19.024358	380.4871		
CROP GROUP TOTALS FOR CITRUS FRUITS:					19.180480	383.6096		

GRAND TOTAL TMRC: 19.180480 GRAND TOTAL % OF THE RfD: 383.6096

GRAND TOTAL TMRC: 19.180480 GRAND TOTAL % OF THE RfD: 383.6096

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethrin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP Rfd= 0.005000 EPA Rfd= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOOD NAME	NEW PENDING PUBLISHED	---EXISTING TOLERANCES---	---NEW & PENDING TOLERANCES---
			TMRC (UG/KG/DAY) %RFD	TMRC (UG/KG/DAY) %RFD
04001AA	APPLES-FRESH	4.00000	11.415984	228.3196
04001DA	APPLES-DRIED	4.00000	0.00000	0.0000
04001JA	APPLES-JUICE	4.00000	20.785252	415.7050
04002AA	CRABAPPLES	4.00000	0.00000	0.0000
04003AA	PEARS-FRESH	4.00000	6.312236	126.2447
04003DA	PEARS-DRIED	4.00000	0.00000	0.0000
CROP GROUP TOTALS FOR POME FRUITS:				
GRAND TOTAL TMRC:	38.513472	GRAND TOTAL % OF THE RFD:	770.2694	

05002AA	CHERRIES-FRESH	4.00000	0.277858	5.5571
05002DA	CHERRIES-DRIED	4.00000	0.00000	0.0000
05002JA	CHERRIES-JUICE	4.00000	0.157265	3.1453
05004AA	PEACHES-FRESH	4.00000	8.346957	166.9391
05004DA	PEACHES-DRIED	4.00000	0.00000	0.0000
05005AA	PLUMS(DAMSONS)-FRESH	4.00000	1.179952	23.5990
05005DA	PLUMS-PRUNES(DRIED)	4.00000	0.608183	12.1636
05005JA	PLUMS, PRUNE-JUICE	4.00000	0.680399	13.6079
CROP GROUP TOTALS FOR STONE FRUITS:				
GRAND TOTAL TMRC:	11.250614	GRAND TOTAL % OF THE RFD:	225.0123	

CROP GROUP TOTALS FOR POME FRUITS:				
GRAND TOTAL TMRC:	38.513472	GRAND TOTAL % OF THE RFD:	770.2694	

CROP GROUP TOTALS FOR STONE FRUITS:				
GRAND TOTAL TMRC:	11.250614	GRAND TOTAL % OF THE RFD:	225.0123	

01002AA	BLACKBERRIES	4.00000	0.002806	0.0561
01003AA	BOYSENBERRIES	4.00000	0.00000	0.0000
01004AA	DEWBERRIES	4.00000	0.00000	0.0000
01005AA	LOGANBERRIES	4.00000	0.00000	0.0000
01006AA	RASPBERRIES	4.00000	0.00000	0.0000
01009AA	BLUEBERRIES	4.00000	0.322194	6.4438
01011AA	CURRANTS	4.00000	0.00000	0.0000
01013AA	GOOSEBERRIES	4.00000	0.00000	0.0000
01014AA	GRAPES-FRESH	4.00000	0.098945	1.9789
01014DA	GRAPES-RAISINS	4.00000	0.071277	1.4255
01014JA	GRAPES-JUICE	4.00000	0.999285	19.9857
01015AA	HUCKLEBERRIES (GAYLUSSACIA)	4.00000	0.00000	0.0000
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:				
GRAND TOTAL TMRC:	1.494507	GRAND TOTAL % OF THE RFD:	29.8901	

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethrin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP RfD= 0.005000 EPA RfD= 0.000000	Developmental tox- rabbit Chronic feeding- rat Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: NON-NURSING INFANTS (< 1 YEAR OLD)

FOOD CODE	FOOD NAME	NEW PENDING PUBLISHED	TOLERANCE (PPM)-----	---EXISTING TOLERANCES---	---NEW & PENDING TOLERANCES---
				TMRC (UG/KG/DAY) %RfD	TMRC (UG/KG/DAY) %RfD
15004AA	CORN, POP	2.00000	2.00000	0.003639	0.0727
15005AA	CORN, SHEET	2.00000	2.00000	0.817650	16.3530
24001AA	BARLEY	2.00000	2.00000	0.279058	5.5811
24002EA	CORN, GRAIN-ENDOSPERM	2.00000	2.00000	0.564948	11.2989
24002HA	CORN, GRAIN-BRAN	2.00000	2.00000	0.000000	0.0000
24002SA	CORN SUGAR	2.00000	2.00000	1.365086	27.3017
24003AA	OATS	2.00000	2.00000	1.498155	29.9631
24005AA	RYE-ROUGH	2.00000	2.00000	0.000000	0.0000
24005GA	RYE-GERM	2.00000	2.00000	0.000000	0.0000
24005WA	RYE-FLOUR	2.00000	2.00000	0.000440	0.0088
24006AA	SORGHUM (INCLUDING MILO)	2.00000	2.00000	0.000000	0.0000
24007AA	WHEAT-ROUGH	2.00000	2.00000	0.244616	4.8923
24007GA	WHEAT-GERM	2.00000	2.00000	0.000860	0.0172
24007HA	WHEAT-BRAN	2.00000	2.00000	0.002040	0.0408
24007WA	WHEAT-FLOUR	2.00000	2.00000	1.816120	36.3224
CROP GROUP TOTALS FOR CEREAL GRAINS:			131.8522	6.592612	131.8522
GRAND TOTAL TMRC:	6.592612	GRAND TOTAL % OF THE RfD:	131.8522		

0.0000

0.000000

1657.8224

82.891120

1657.8224

POPULATION TOTAL % OF THE RfD

POPULATION SUBGROUP TOTALS

82.891120

POPULATION TOTAL TMRC

1657.8224

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethrin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP Rfd= 0.005000 EPA Rfd= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOOD NAME	-----TOLERANCE (PPM)-----		---EXISTING TOLERANCES---		-NEW & PENDING TOLERANCES-	
		NEW	PENDING	TMRC (UG/KG/DAY)	%Rfd	TMRC (UG/KG/DAY)	%RFD
06005AA	FIGS			4.00000		0.021763	0.4352
06006AA	GUAVA			4.00000		0.000000	0.0000
06007AA	MANGOES			4.00000		0.002974	0.0594
06013AA	PINEAPPLE-FRESH,PULP			4.00000		0.214718	4.2943
06013DA	PINEAPPLE-DRIED			4.00000		0.001388	0.0277
06013JA	PINEAPPLE-FRESH, JUICE			4.00000		0.980150	19.6030
43058AA	WINE AND SHERRY			4.00000		0.037264	0.7452
CROP GROUP TOTALS FOR UNSPECIFIED:						1.258257	25.1651
GRAND TOTAL TMRC:	1.258257	GRAND TOTAL % OF THE RFD:	25.1651				

11005AA	TOMATOES-WHOLE			4.00000		3.200994	64.0198
11005JA	TOMATOES-JUICE			4.00000		0.237789	4.7557
11005RA	TOMATOES-PUREE			4.00000		4.579299	91.5859
11005TA	TOMATOES-PASTE			4.00000		2.123418	42.4683
11005UA	TOMATOES-CATSUP			4.00000		1.092693	21.8538
CROP GROUP TOTALS FOR FRUITING VEGETABLES (EXCL. CUCURBITS):						11.234193	224.6838
GRAND TOTAL TMRC:	11.234193	GRAND TOTAL % OF THE RFD:	224.6839				

10002AA	CANTALOUPE-UNSPECIFIED			4.00000		0.000000	0.0000
10002AB	CANTALOUPE-PULP			4.00000		0.162655	3.2531
10003AA	CASABAS			4.00000		0.000000	0.0000
10004AA	CRENSHAW			4.00000		0.000000	0.0000
10005AA	HONEYDEW MELONS			4.00000		0.132129	2.6425
10007AA	PERSON MELONS			4.00000		0.000000	0.0000
CROP GROUP TOTALS FOR FRUITING VEGETABLES (CUCURBITS):						0.294784	5.8956
GRAND TOTAL TMRC:	0.294784	GRAND TOTAL % OF THE RFD:	5.8957				

02006AA	ORANGES-UNSPECIFIED			4.00000		0.000000	0.0000
02006AB	ORANGES-PULP			4.00000		1.520802	30.4160
02006HA	ORANGES-PEEL			4.00000		0.001387	0.0277
02006JA	ORANGES-JUICE			4.00000		23.653281	473.0656
CROP GROUP TOTALS FOR CITRUS FRUITS:						25.175470	503.5094
GRAND TOTAL TMRC:	25.175470	GRAND TOTAL % OF THE RFD:	503.5094				

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioallethin Caswell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg 200.00 ppm LEL= 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF -->1000 OPP RfD= 0.005000 EPA RfD= 0.000000	Developmental tox- rabbit Chronic feeding- rat Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOOD NAME	-----TOLERANCE (PPM)-----		--EXISTING TOLERANCES--		-NEW & PENDING TOLERANCES-	
		NEW	PENDING	TMRC (UG/KG/DAY)	%RFD	TMRC (UG/KG/DAY)	%RFD
04001AA	APPLES-FRESH		4.00000	4.910848	98.2169		
04001DA	APPLES-DRIED		4.00000	0.010912	0.2182		
04001JA	APPLES-JUICE		4.00000	5.964018	119.2803		
04002AA	CRABAPPLES		4.00000	0.000000	0.0000		
04003AA	PEARS-FRESH		4.00000	1.048492	20.9698		
04003DA	PEARS-DRIED		4.00000	0.000000	0.0000		
CROP GROUP TOTALS FOR POME FRUITS:				11.934270	238.6854		
GRAND TOTAL TMRC:	11.934270	GRAND TOTAL % OF THE RFD:	238.6854				

05002AA	CHERRIES-FRESH		4.00000	0.335765	6.7153		
05002DA	CHERRIES-DRIED		4.00000	0.000000	0.0000		
05002JA	CHERRIES-JUICE		4.00000	0.088349	1.7669		
05004AA	PEACHES-FRESH		4.00000	1.890561	37.8112		
05004DA	PEACHES-DRIED		4.00000	0.000000	0.0000		
05005AA	PLUMS(DAMSONS)-FRESH		4.00000	0.195640	3.9128		
05005DA	PLUMS-PRUNES(DRIED)		4.00000	0.097571	1.9514		
05005JA	PLUMS,PRUNE-JUICE		4.00000	0.061510	1.2302		
CROP GROUP TOTALS FOR STONE FRUITS:				2.669396	53.3879		
GRAND TOTAL TMRC:	2.669396	GRAND TOTAL % OF THE RFD:	53.3879				

01002AA	BLACKBERRIES		4.00000	0.051306	1.0261		
01003AA	BOYSENBERRIES		4.00000	0.019362	0.3872		
01004AA	DEWBERRIES		4.00000	0.000000	0.0000		
01005AA	LOGANBERRIES		4.00000	0.000000	0.0000		
01006AA	RASPBERRIES		4.00000	0.011172	0.2234		
01009AA	BLUEBERRIES		4.00000	0.060343	1.2068		
01011AA	CURRANTS		4.00000	0.002481	0.0496		
01013AA	GOOSEBERRIES		4.00000	0.003104	0.0620		
01014AA	GRAPES-FRESH		4.00000	0.521448	10.4289		
01014DA	GRAPES-RAISINS		4.00000	1.240306	24.8061		
01014JA	GRAPES-JUICE		4.00000	1.807351	36.1470		
01015AA	HUCKLEBERRIES (GAYLUSSACIA)		4.00000	0.000000	0.0000		
CROP GROUP TOTALS FOR SMALL FRUITS AND BERRIES:				3.716873	74.3374		
GRAND TOTAL TMRC:	3.716873	GRAND TOTAL % OF THE RFD:	74.3375				

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Bioal lethrin Cashell #025A CAS No. 28057-48-9 A.I. CODE: 004003 CFR No. 180.113	6mo feeding- dog NOEL= 5.0000 mg/kg LEL= 200.00 ppm 25.0000 mg/kg 1000.00 ppm ONCO: Undetermined.	Degeneration of hepatocytes, alteration of clinical chemistries. No oncogenicity data available.	PADI UF-->1000 OPP Rfd= 0.005000 EPA Rfd= 0.000000	Developmental tox- rabbit Chronic feeding- rat Chronic feeding- dog Reproduction- rat Extra UF of 10 for data gaps.	HED complete 04/03/87

LISTING OF EXPOSURE BY RAC FOR: CHILDREN (1-6 YEARS OLD)

FOOD CODE	FOOD NAME	---EXISTING TOLERANCES---		--NEW & PENDING TOLERANCES--	
		NEW PENDING PUBLISHED	TMRC (UG/KG/DAY)	%RFD	TMRC (UG/KG/DAY)
15004AA	CORN, POP	2.00000	0.031840	0.6368	
15005AA	CORN, SWEET	2.00000	1.094808	21.8961	
24001AA	BARLEY	2.00000	0.022716	0.4543	
24002EA	CORN, GRAIN- ENDOSPERM	2.00000	0.900544	18.0108	
24002HA	CORN, GRAIN- BRAN	2.00000	0.000000	0.0000	
24002SA	CORN SUGAR	2.00000	0.747393	14.9478	
24003AA	OATS	2.00000	0.588656	11.7731	
24005AA	RYE- ROUGH	2.00000	0.000000	0.0000	
24005GA	RYE- GERM	2.00000	0.000730	0.0146	
24005WA	RYE- FLOUR	2.00000	0.005183	0.1036	
24006AA	SORGHUM (INCLUDING MILO)	2.00000	0.000000	0.0000	
24007AA	WHEAT- ROUGH	2.00000	0.642413	12.8482	
24007GA	WHEAT- GERM	2.00000	0.003434	0.0686	
24007HA	WHEAT- BRAN	2.00000	0.046530	0.9306	
24007WA	WHEAT- FLOUR	2.00000	5.616745	112.3349	
CROP GROUP TOTALS FOR CEREAL GRAINS:			9.700992	194.0198	
GRAND TOTAL TMRC:	9.700992	GRAND TOTAL % OF THE RFD:	194.0198		

POPULATION SUBGROUP TOTALS 65.984235 1319.6847 0.000000 0.0000

POPULATION TOTAL TMRC 65.984235 POPULATION TOTAL % OF THE RFD 1319.6847