

6-6-95

CHEMICAL Pyrethrins Caswell #715 CAS No. 121-21-1 A.I. CODE: 069001 CFR No. 180.128 185.5200	STUDY TYPE 2gen reprod- rat NOEL= 6.4000 mg/kg 100.00 ppm LEL= 65.0000 mg/kg 1000.00 ppm ONCO: Pending	EFFECTS Reduction in Ftib pup wt during lactation.	REFERENCE DOSES PADI UF -->100 OPP RfD= 0.064000 EPA RfD= 0.000000	DATA GAPS/COMMENTS Chronic feed/carcino- rat Carcinogenicity- mouse (Both studies are core supplementary & may be upgraded).	STATUS WHO reviewed 1972 RfD/PR reviewed 06/01/95

FOOD CODE	FOOD NAME	PETITION NUMBER	TOLERANCE (PPM)		PUBLISHED
			NEW	PENDING	
01002AA	BLACKBERRIES	49			1.000000
01003AA	BOYSENBERRIES	49			1.000000
01004AA	DEWBERRIES	49			1.000000
01005AA	LOGANBERRIES	49			1.000000
01006AA	RASPBERRIES	49			1.000000
01009AA	BLUEBERRIES	49			1.000000
01011AA	CURRANTS	49			1.000000
01013AA	GOOSEBERRIES	49			1.000000
01014AA	GRAPES-FRESH	49			1.000000
01014DA	GRAPES-RAISINS	49			1.000000
01014JA	GRAPES-JUICE	49			1.000000
02006AA	ORANGES-UNSPECIFIED	49			1.000000
02006AB	ORANGES-PULP	49			1.000000
02006HA	ORANGES-PEEL	49			1.000000
02006JA	ORANGES-JUICE	49			1.000000
03001AA	ALMONDS	49			1.000000
03009AA	WALNUTS	49			1.000000
04001AA	APPLES-FRESH	49			1.000000
04001DA	APPLES-DRIED	49			1.000000
04001JA	APPLES-JUICE	49			1.000000
04002AA	CRABAPPLES	49			1.000000
04003AA	PEARS-FRESH	49			1.000000
04003DA	PEARS-DRIED	49			1.000000
05002AA	CHERRIES-FRESH	49			1.000000
05002DA	CHERRIES-DRIED	49			1.000000
05002JA	CHERRIES-JUICE	49			1.000000
05004AA	PEACHES-FRESH	49			1.000000
05004DA	PEACHES-DRIED	49			1.000000
05005AA	PLUMS(DAMSONS)-FRESH	49			1.000000
05005DA	PLUMS-PRUNES(DRIED)	49			1.000000
05005JA	PLUMS, PRUNE-JUICE	49			1.000000
06003DA	COCONUT-COPRA	49			1.000000
06005AA	FIGS	49			1.000000
06006AA	GUAVA	49			1.000000
06007AA	MANGOES	49			1.000000
06013AA	PINEAPPLE-FRESH,PULP	49			1.000000
06013DA	PINEAPPLE-DRIED	49			1.000000
06013JA	PINEAPPLE-FRESH, JUICE	49			1.000000
07001FA	COCOA BUTTER	49			1.000000
07001SA	CHOCOLATE	49			1.000000

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FOOD CODE	FOOD NAME	PETITION NUMBER	NEW	TOLERANCE (PPM)	
				PENDING	PUBLISHED
1002AA	CANTALOUPE-UNSPECIFIED	49			1.000000
1002AB	CANTALOUPE-PULP	49			1.000000
1003AA	CASABAS	49			1.000000
1004AA	CRENSHAUS	49			1.000000
1005AA	HONEYDEW MELONS	49			1.000000
1007AA	PERSION MELONS	49			1.000000
1105AA	TOMATOES-WHOLE	6E1872			1.000000
1105JA	TOMATOES-JUICE	6E1872			1.000000
1105RA	TOMATOES-PUREE	6E1872			1.000000
1105TA	TOMATOES-PASTE	6E1872			1.000000
1105UA	TOMATOES-CATSUP	49			0.050000
14013AA	POTATOES(WHITE)-WHOLE	49			0.050000
14013AB	POTATOES(WHITE)-UNSPECIFIED	49			0.050000
14013AC	POTATOES(WHITE)-PEELED	49			0.050000
14013DA	POTATOES(WHITE)-DRY	49			0.050000
14013HA	POTATOES(WHITE)-PEEL ONLY	49			0.050000
14018AA	SWEETPOTATOES (INCLUDING YAMS)	49			0.050000
15001AA	BEANS-DRY-GREAT NORTHERN	49			1.000000
15001AB	BEANS-DRY-KIDNEY	49			1.000000
15001AC	BEANS-DRY-LIMA	49			1.000000
15001AD	BEANS-DRY-NAVY (PEA)	49			1.000000
15001AE	BEANS-DRY-OTHER	49			1.000000
15001AF	BEANS-DRY-PINTO	49			1.000000
15002AA	BEANS-SUCCULENT-LIMA	49			1.000000
15003AA	BEANS-SUCCULENT-GREEN	49			1.000000
15003AB	BEANS-SUCCULENT-OTHER	49			1.000000
15003AC	BEANS-SUCCULENT-YELLOW, MAX	49			1.000000
15004AA	CORN, POP	NOPET#			3.000000
15005AA	CORN, SWEET	NOPET#			3.000000
15006AA	PEANUTS-WHOLE	49			1.000000
15007AA	PEAS(GARDEN)-MATURE SEEDS, DRY	49			1.000000
15009AA	PEAS(GARDEN)-GREEN IMMATURE	49			1.000000
15011AA	LENTILES-WHOLE	49			1.000000
15011AB	LENTILES-SPLIT	49			1.000000
15013AA	MUNG BEANS (SPROUTS)	49			1.000000
15022AA	BEANS-DRY-BROADBEANS(MATURE SEED)	49			1.000000
15022AB	BEANS-SUCCULENT-BROADBEANS(IMMAT. SEED)	49			1.000000
15023AA	BEANS-DRY-PIGION BEANS	49			1.000000
15027AA	BEANS-UNSPECIFIED	49			1.000000
15030AA	BEANS-DRY-HYACINTH(MATURE SEEDS)	49			1.000000

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FOOD CODE	FOOD NAME	PETITION NUMBER	NEW	TOLERANCE (PPM)	PUBLISHED
15030AB	BEANS-SUCCULENT-HYACINTH(YOUNG PODS)	49		1.000000	
15031AA	BEANS-DRY-BLACKEYE PEAS(COMPEAS)	49		1.000000	
15032AA	BEANS-DRY-GARBANZO(CHICK PEA)	49		1.000000	
24001AA	BARLEY	NOPET#		3.000000	
24002EA	CORN, GRAIN-ENDOSPERM	NOPET#		3.000000	
24002HA	CORN, GRAIN-BRAN	NOPET#		3.000000	
24002SA	CORN SUGAR	NOPET#		3.000000	
24003AA	OATS	49		1.000000	
24004AA	RICE-ROUGH	NOPET#		3.000000	
24004AB	RICE-MILLED	NOPET#		3.000000	
24005AA	RYE-ROUGH	NOPET#		3.000000	
24005GA	RYE-GERM	NOPET#		3.000000	
24005WA	RYE-FLOUR	NOPET#		3.000000	
24006AA	SORGHUM (INCLUDING MILO)	49		1.000000	
24007AA	WHEAT-ROUGH	NOPET#		3.000000	
24007GA	WHEAT-GERM	NOPET#		3.000000	
24007HA	WHEAT-BRAN	NOPET#		3.000000	
24007WA	WHEAT-FLOUR	NOPET#		3.000000	
26001AA	BUCKWHEAT	NOPET#		3.000000	
270020A	CORN, GRAIN-OIL	NOPET#		3.000000	
270030A	COTTONSEED-OIL	49		1.000000	
27003WA	COTTONSEED-MEAL	49		1.000000	
27004AA	FLAX SEED	49		1.000000	
270070A	PEANUTS-OIL	49		1.000000	
43058AA	WINE AND SHERRY	49		1.000000	
50000FA	MILK-FAT SOLIDS	0F0692		0.500000	
53001BA	BEEF-MEAT BYPRODUCTS	8F0692		0.100000	
53001BB	BEEF(ORGAN MEATS)-OTHER	8F0692		0.100000	
53001DA	BEEF-DRIED	8F0692		0.100000	
53001FA	BEEF(BONELESS)-FAT (BEEF TALLOW)	8F0692		0.100000	
53001KA	BEEF(ORGAN MEATS)-KIDNEY	8F0692		0.100000	
53001LA	BEEF(ORGAN MEATS)-LIVER	8F0692		0.100000	
53001MA	BEEF(BONELESS)-LEAN (H/O REMOVEABLE FAT)	8F0692		0.100000	
53002BA	GOAT-MEAT BYPRODUCTS	8F0692		0.100000	
53002BB	GOAT(ORGAN MEATS)-OTHER	8F0692		0.100000	
53002FA	GOAT(BONELESS)-FAT	8F0692		0.100000	
53002KA	GOAT(ORGAN MEATS)-KIDNEY	8F0692		0.100000	
53002LA	GOAT(ORGAN MEATS)-LIVER	8F0692		0.100000	
53002MA	GOAT(BONELESS)-LEAN (H/O REMOVEABLE FAT)	8F0692		0.100000	
53003AA	HORSE	8F0692		0.100000	

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FOOD CODE	FOOD NAME	PETITION NUMBER	TOLERANCE (PPM)		PUBLISHED
			NEW	PENDING	
53005BA	SHEEP-MEAT BYPRODUCTS	8F0692			0.100000
53005BB	SHEEP(ORGAN MEATS)-OTHER	8F0692			0.100000
53005FA	SHEEP(BONELESS)-FAT	8F0692			0.100000
53005KA	SHEEP(ORGAN MEATS)-KIDNEY	8F0692			0.100000
53005LA	SHEEP(ORGAN MEATS)-LIVER	8F0692			0.100000
53005MA	SHEEP(BONELESS)-LEAN (W/O REMOVEABLE FAT	8F0692			0.100000
53006BA	PORK-MEAT BYPRODUCTS	8F0692			0.100000
53006BB	PORK(ORGAN MEATS)-OTHER	8F0692			0.100000
53006FA	PORK(BONELESS)-FAT (INCLUDING LARD)	8F0692			0.100000
53006KA	PORK(ORGAN MEATS)-KIDNEY	8F0692			0.100000
53006LA	PORK(ORGAN MEATS)-LIVER	8F0692			0.100000
53006MA	PORK(BONELESS)-LEAN (W/O REMOVEABLE FAT)	8F0692			0.100000
55008BA	TURKEY-BYPRODUCTS	0E0977			0.200000
55008LA	TURKEY-GIBLETS (LIVER)	0E0977			0.200000
55008MA	TURKEY-FLESH(W/O SKIN, W/O BONES)	0E0977			0.200000
55008MB	TURKEY-FLESH(+SKIN, W/O BONES)	0E0977			0.200000
55008MC	TURKEY-UNSPECIFIED	0E0977			0.200000
55013BA	POULTRY, OTHER-BYPRODUCTS	0E0977			0.200000
55013LA	POULTRY, OTHER-GIBLETS(LIVER)	0E0977			0.200000
55013MA	POULTRY, OTHER-FLESH (+SKIN, W/O BONES)	0E0977			0.100000
55014AA	EGGS-WHOLE	0E0977			0.100000
55014AB	EGGS-WHITE ONLY	0E0977			0.100000
55014AC	EGGS-YOLK ONLY	0E0977			0.100000
55015BA	CHICKEN-BYPRODUCTS	0E0977			0.200000
55015LA	CHICKEN-GIBLETS(LIVER)	0E0977			0.200000
55015MA	CHICKEN-FLESH(W/O SKIN, W/O BONES)	0E0977			0.200000
55015MB	CHICKEN-FLESH(+SKIN, W/O BONES)	0E0977			0.200000

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POPULATION SUBGROUP	TOTAL TMRC (MG/KG BODY WEIGHT/DAY)		NEW TMRC**	NEW TMRC AS PERCENT OF RFD	DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES
	CURRENT TMRC*	NEW TMRC**				
U.S. POPULATION - 48 STATES	0.014894	0.014894	0.014894	23.271097	0.000000	
U.S. POPULATION - SPRING SEASON	0.014224	0.014224	0.014224	22.225761	0.000000	
U.S. POPULATION - SUMMER SEASON	0.014905	0.014905	0.014905	23.288422	0.000000	
U.S. POPULATION - FALL SEASON	0.015206	0.015206	0.015206	23.759902	0.000000	
U.S. POPULATION - WINTER SEASON	0.015135	0.015135	0.015135	23.647897	0.000000	
NORTHEAST REGION	0.015983	0.015983	0.015983	24.973541	0.000000	
NORTH CENTRAL REGION	0.014748	0.014748	0.014748	23.044173	0.000000	
SOUTHERN REGION	0.013701	0.013701	0.013701	21.408044	0.000000	
WESTERN REGION	0.015557	0.015557	0.015557	24.308336	0.000000	
HISPANICS	0.018142	0.018142	0.018142	28.347598	0.000000	
NON-HISPANIC WHITES	0.014705	0.014705	0.014705	22.975855	0.000000	
NON-HISPANIC BLACKS	0.014046	0.014046	0.014046	21.947130	0.000000	
NON-HISPANIC OTHERS	0.017704	0.017704	0.017704	27.662678	0.000000	
NURSING INFANTS (< 1 YEAR OLD)	0.018661	0.018661	0.018661	29.158264	0.000000	
NON-NURSING INFANTS (< 1 YEAR OLD)	0.039260	0.039260	0.039260	61.343719	0.000000	
FEMALES (13+ YEARS, PREGNANT)	0.011000	0.011000	0.011000	17.187172	0.000000	
FEMALES 13+ YEARS, NURSING CHILDREN (1-6 YEARS OLD)	0.012617	0.012617	0.012617	19.713800	0.000000	
CHILDREN (7-12 YEARS OLD)	0.036274	0.036274	0.036274	56.678350	0.000000	
MALES (13-19 YEARS OLD)	0.023507	0.023507	0.023507	36.730439	0.000000	
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.015032	0.015032	0.015032	23.487827	0.000000	
MALES (20 YEARS AND OLDER)	0.012359	0.012359	0.012359	19.311548	0.000000	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.010742	0.010742	0.010742	16.783694	0.000000	
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURS)	0.009662	0.009662	0.009662	15.097489	0.000000	

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

01

TOLERANCE ASSESSMENT SUMMARY FOR Pyrethrins
CASWELL #715

DATE: 06/06/95

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

EXISTING TOLERANCES (PUBLISHED ONLY)		
RESULT IN A TMRC OF:	0.014894	MG/KG/DAY
THE EXISTING TMRC IS EQUIVALENT TO:	23.271	% OF THE ADI.

NO NEW TOLERANCES ARE IN THE FILE.

NO OTHER PENDING TOLERANCES ARE IN THE FILE

ANALYSIS FOR POPULATION SUB-GROUP: NON-NURSING INFANTS (< 1 YEAR OLD)

EXISTING TOLERANCES (PUBLISHED ONLY)		
RESULT IN A TMRC OF:	0.039260	MG/KG/DAY
THE EXISTING TMRC IS EQUIVALENT TO:	61.344	% OF THE ADI.

NO NEW TOLERANCES ARE IN THE FILE.

NO OTHER PENDING TOLERANCES ARE IN THE FILE