US EPA ARCHIVE DOCUMENT

File Updated due to new RfD

TOLERANCE ASSESSMENT SYSTEM ROUTINE CHRONIC ANALYSIS

DATE: 06/06/95 ✓

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Pyrethrins Caswell #715 CAS No. 121-21-1 A.I. CODE: 069001 CFR No. 180.128 185.5200	2gen reprod- rat NOEL= 6.4000 mg/kg 100.00 ppm LEL= 65.0000 mg/kg 1000.00 ppm ONCO: Pending	Reduction in F1b pup wt during lactation.	PADI UF -->100 OPP RfD= 0.064000 EPA RfD= 0.000000	Chronic feed/carcino- rat Carcinogenicity- mouse (Both studies are core supplementary & may be upgraded).	WHO reviewed 1972 RfD/PR reviewed 06/01/95

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

6-6-95