

US EPA ARCHIVE DOCUMENT

CHEMICAL INFORMATION	STUDY TYPE	EFFECTS	REFERENCE DOSES		DATA GAPS/COMMENTS	STATUS
			PLD	UF		
Microtophos (Bidrin) Caswell #376 CAS No. 141-66-2 A.I. CODE: 035201 CFR No. 180.299	3gen repro-rat NOEL= 0.1000 mg/kg LEL= 0.2500 mg/kg 5.00 ppm ONCO: Insufficient data.	Decreased fertility in females, decreased pup viability. No valid data for oncogenicity (all studies Supplementary).	PLD OPP RfD= 0.000100 EPA RfD= 0.000100	UF -->1000	Chronic feeding- rat Chronic feeding- dog Reproduction Teratology- 2 species All studies Supplementary	HED complete 04/18/86. EPA pending 08/19/86. EPA verified 09/02/86.

TOTAL TMRC (MG/KG BODY WEIGHT/DAY)

POPULATION SUBGROUP	CURRENT TMRC*		NEW TMRC**		DIFFERENCE AS PERCENT OF RFD	EFFECT OF ANTICIPATED RESIDUES	
	TMRC	NEW TMRC**	AS PERCENT OF RFD	AS PERCENT OF RFD		ARC	%RFD
U.S. POPULATION - 48 STATES	0.000001	0.000001	1.267000	0.000000	0.000000		
U.S. POPULATION - SPRING SEASON	0.000001	0.000001	1.245000	0.000000	0.000000		
U.S. POPULATION - SUMMER SEASON	0.000001	0.000001	1.242000	0.000000	0.000000		
U.S. POPULATION - FALL SEASON	0.000001	0.000001	1.333000	0.000000	0.000000		
U.S. POPULATION - WINTER SEASON	0.000001	0.000001	1.250000	0.000000	0.000000		
NORTHEAST REGION	0.000001	0.000001	1.235000	0.000000	0.000000		
NORTH CENTRAL REGION	0.000001	0.000001	1.288000	0.000000	0.000000		
SOUTHERN REGION	0.000001	0.000001	1.234000	0.000000	0.000000		
WESTERN REGION	0.000001	0.000001	1.337000	0.000000	0.000000		
HISPANICS	0.000001	0.000001	1.087000	0.000000	0.000000		
NON-HISPANIC WHITES	0.000001	0.000001	1.328000	0.000000	0.000000		
NON-HISPANIC BLACKS	0.000001	0.000001	0.991000	0.000000	0.000000		
NON-HISPANIC OTHERS	0.000001	0.000001	1.013000	0.000000	0.000000		
NURSING INFANTS (< 1 YEAR OLD)	0.000000	0.000000	0.116000	0.000000	0.000000		
NON-NURSING INFANTS (< 1 YEAR OLD)	0.000000	0.000000	0.321000	0.000000	0.000000		
FEMALES (13+ YEARS, PREGNANT)	0.000001	0.000001	0.838000	0.000000	0.000000		
FEMALES 13+ YEARS, NURSING CHILDREN (1-6 YEARS OLD)	0.000001	0.000001	1.328000	0.000000	0.000000		
CHILDREN (7-12 YEARS OLD)	0.000002	0.000002	2.256000	0.000000	0.000000		
MALES (13-19 YEARS OLD)	0.000001	0.000001	1.913000	0.000000	0.000000		
FEMALES (13-19 YEARS OLD, NOT PREG. OR NURSING)	0.000001	0.000001	1.451000	0.000000	0.000000		
MALES (20 YEARS AND OLDER)	0.000001	0.000001	1.252000	0.000000	0.000000		
FEMALES (20 YEARS AND OLDER, NOT PREG. OR NURSING)	0.000001	0.000001	1.082000	0.000000	0.000000		

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

6/29/89

CHEMICAL	STUDY TYPE	EFFECTS	REFERENCE DOSES	DATA GAPS/COMMENTS	STATUS
Dicrotophos (Bidrin) Caswell #376 CAS No. 141-66-2 A.I. CODE: 035201 CFR No. 180.299	3gen reprod-rat NOEL= 0.1000 mg/kg 2.00 ppm LEL= 0.2500 mg/kg 5.00 ppm ONCO: Insufficient data.	Decreased fertility in females, decreased pup viability. No valid data for oncogenicity (all studies Supplementary).	PLD UF -->1000 OPP RED= 0.000100 EPA RED= 0.000100	Chronic feeding- rat Chronic feeding- dog Reproduction Teratology- 2 species All studies Supplementary	HED complete 04/18/86. EPA pending 08/19/86. EPA verified 09/02/86.

FOOD CODE	FOOD NAME	PETITION NUMBER	TOLERANCE (PPM)	
			NEW	PUBLISHED
03008AA	PECANS			0.050000
270030A	COTTONSEED-OIL			0.050000
27003WA	COTTONSEED-MEAL			0.050000