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Carbazyl (1-naphthylethylcarbonate)

residues from both pre-harvest and post-harvest application

→ Establish the tolerance for 10 ppm in potatoes

Data considered in setting the ADI: Tox year at feeding NCEL 200 ppm; Pre-weaning feeding NCEL 400 ppm; 18 mos monkey toxicology NCEL 300 ppm; Emergency 18 month mouse NCEL 400 ppm
Rat sub-chronic 3 generation 200 mg/kg
 ADI equivalent: YES/NO : TOX "one-liner": YES/NO : DER: YES/NO

Data gaps: None

have been omitted from the file (EPA 264-314) submitted with

the petition

Branch Chief: *Wm O'S 5/7/82*

File last updated 5/6/82

ACCEPTABLE DAILY INTAKE DATA

RAT, Older	NOEL	S.F.	ADI	MPI
mg/kg	ppm		mg/kg/day	mg/day/60kg
10.000	200.00	100	0.1000	6.0000

Published Tolerances

CROP	Tolerance	Food Factor	mg/day/1.5kg
blackberries(15)	12.000	0.03	0.00540
Boysenberries(17)	12.000	0.03	0.00540
Collards(37)	12.000	0.08	0.01472
Dewberries(52)	12.000	0.03	0.00540
Beet greens(13)	12.000	0.03	0.00540
Kale(75)	12.000	0.03	0.00540
Loganberries(86)	12.000	0.03	0.00540
Mustard Greens(99)	12.000	0.06	0.01104
Parsley(110)	12.000	0.03	0.00540
Raspberries(135)	12.000	0.03	0.00540
Spinach(150)	12.000	0.05	0.00920
Swiss Chard(158)	12.000	0.03	0.00540
Turnip Greens(166)	12.000	0.03	0.00540
Apples(2)	10.000	2.53	0.37950
Apricots(3)	10.000	0.11	0.01686
Asparagus(5)	10.000	0.14	0.02146
Bananas(7)	10.000	1.42	0.21308
Beans(9)	10.000	2.04	0.30600
Blueberries(18)	10.000	0.03	0.00450
Broccoli(19)	10.000	0.10	0.01533
Brussel Sprouts(20)	10.000	0.03	0.00450
Cabbage, sauerkraut(22)	10.000	0.74	0.11037
Carrots(24)	10.000	0.48	0.07205
Cauliflower(27)	10.000	0.07	0.01073
Cherries(30)	10.000	0.10	0.01533
Chinese Cabbage(177)	10.000	0.03	0.00450
Citrus Fruits(33)	10.000	3.81	0.57179
Cranberries(44)	10.000	0.03	0.00450
Cucumbers, inc pickl(46)	10.000	0.73	0.10884
Eggplant(53)	10.000	0.03	0.00450
Escarole/endive(56)	10.000	0.03	0.00450
Grapes, inc raisins(66)	10.000	0.49	0.07358
Kohlrabi(76)	10.000	0.03	0.00450
Lettuce(84)	10.000	1.31	0.19622
Melons(92)	10.000	2.00	0.30046
Nectarines(100)	10.000	0.03	0.00450
Okra(103)	10.000	0.07	0.01073
Olives(104)	10.000	0.06	0.00920
Peaches(114)	10.000	0.90	0.13490
Pears(116)	10.000	0.26	0.03832
Peas(117)	10.000	0.69	0.10424
Peppers(120)	10.000	0.12	0.01840
Plums, inc prunes(125)	10.000	0.13	0.01993
Pumpkin, inc squash(131)	10.000	0.11	0.01686
Salisfy(142)	10.000	0.03	0.00450
Sorghum(147)	10.000	0.03	0.00450

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3	Strawberries(32)	10.000	0.18	0.02759
4	Summer Squash(155)	10.000	0.03	0.00450
5	Tomatoes(163)	10.000	2.87	0.43122
6	Corn, all types(38)	5.000	2.51	0.18825
7	Cottonseed (oil)(41)	5.000	0.15	0.01125
8	Beets(14)	5.000	0.17	0.01303
9	Horseradish(77)	5.000	0.03	0.00225
10	Poultry(128)	5.000	2.94	0.22075
11	Parsnips(111)	5.000	0.03	0.00225
12	Peanuts(115)	5.000	0.36	0.02683
13	Radishes(133)	5.000	0.03	0.00225
14	Rice(137)	5.000	0.55	0.04139
15	Rutabagas(139)	5.000	0.03	0.00225
16	Salisfy(142)	5.000	0.03	0.00225
17	Soybeans (oil)(148)	5.000	0.92	0.06886
18	Turnips(165)	5.000	0.05	0.00383
19	Almonds(1)	1.000	0.03	0.00045
20	Filberts(58)	1.000	0.03	0.00045
21	Pecans(116)	1.000	0.03	0.00045
22	Walnuts(167)	1.000	0.03	0.00045
23	Eggs(54)	0.500	2.77	0.02078
24	Sweet Potatoes(157)	0.200	0.40	0.00120
25	Chestnuts(153)	1.000	0.03	0.00045
26	Celery(28)	10.000	0.29	0.04292
27	Maple syrup(201)	0.500	0.03	0.00023
28	Lentils(83)	10.000	0.04	0.00613
29	Dandelion(194)	12.000	0.03	0.00540
30	Wintersquash(171)	10.000	0.03	0.00450
31	Pistachio nuts(210)	1.000	0.03	0.00045
32	Wheat(170)	3.000	10.36	0.46633
33	Cattle(26)	0.100	7.18	0.01078
34	Goats(62)	0.100	0.03	0.00005
35	Hogs(69)	0.100	3.43	0.00515
36	Sheep(145)	0.100	0.19	0.00029
37	Horses(208)	0.100	0.03	0.00005
38	Kidney(203)	1.000	0.03	0.00045
39	Liver(211)	1.000	0.03	0.00045
40	Milk&Dairy Products(93)	0.300	28.62	0.12877
41	Potatoes(127)	0.200	5.43	0.01628

MPI	TMRC	% ADI
6.0000 mg/day/60kg	4.6593 mg/day/1.5kg	77.66

Unpublished, Tox Approved 6E1874, 1848, 8G1036, 1E2497, 2498, 2554

CROP	Tolerance	Food Factor	mg/day/1.5kg
Rye(140)	3.000	0.03	0.00135
Oats(102)	3.000	0.36	0.01610
Barley(8)	3.000	0.03	0.00135
Millet(94)	3.000	0.03	0.00135
Flax Seed(182)	5.000	0.03	0.00225
Oysters (214)	0.250	0.03	0.00011

MPI	TMRC	% ADI
6.0000 mg/day/60kg	4.6818 mg/day/1.5kg	78.03

Current Action 2E2667

CROP	Tolerance	Food Factor	mg/day/1.5kg
Potatoes(127)	9.800	5.43	0.79772

NPI

TMRC

% ADI

6.0000 ng/day/60kg

5.4796 ng/day/1.5kg

91.33
