

**Study Number:** MOG003B  
**Test Type:** MOG  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Sprague-Dawley

**I08: Mean Test Compound Consumption**  
**Test Compound:** 2-Ethylhexyl p-Methoxycinnamate  
**CAS Number:** 5466-77-3

**Date Report Requested:** 01/14/2020  
**Time Report Requested:** 10:22:11  
**Lab:** RTI

**C Number:**

MOG003B

**Study Gender:**

Both

**PWG Approval Date**

See web page for date of PWG Approval

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F0 Females

Treatment Groups (ppm)

Phase	Days	0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Gestation	3 - 6	0.0 ± 0.0	22	73.2 ± 1.2	24	221.1 ± 5.3	19	449.2 ± 8.5	21
	6 - 9	0.0 ± 0.0	22	73.5 ± 1.0	24	215.4 ± 5.0	19	411.6 ± 10.5	21
	9 - 12	0.0 ± 0.0	22	72.0 ± 0.9	24	206.7 ± 5.7	19	437.3 ± 6.7	21
	12 - 15	0.0 ± 0.0	22	70.8 ± 0.6	24	208.3 ± 5.1	19	426.3 ± 7.7	21
	15 - 18	0.0 ± 0.0	22	73.0 ± 1.0	24	220.0 ± 4.0	19	442.0 ± 7.6	22
	18 - 21	0.0 ± 0.0	22	62.1 ± 1.2	24	192.4 ± 3.3	19	389.4 ± 8.4	22
	6 - 21	0.0 ± 0.0	22	69.6 ± 0.6	24	207.2 ± 3.4	19	418.7 ± 6.9	21
Lactation	1 - 4	0.0 ± 0.0	22	116.7 ± 3.5	24	340.5 ± 8.6	19	675.8 ± 22.6	22
	4 - 7	0.0 ± 0.0	21	146.9 ± 2.6	24	442.1 ± 9.6	19	859.2 ± 23.0	22
	7 - 10	0.0 ± 0.0	21	176.9 ± 3.3	24	509.3 ± 11.3	19	997.2 ± 27.8	20
	10 - 13	0.0 ± 0.0	21	197.9 ± 3.1	24	592.2 ± 10.3	19	1139.4 ± 29.3	22
	1 - 13	0.0 ± 0.0	21	161.2 ± 2.7	24	474.8 ± 8.2	19	920.2 ± 24.2	21

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F1 Males: All F1 Males

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Postnatal	28 - 35	0.0 ± 0.0	32	134.6 ± 5.3	37	396.0 ± 3.1	33	828.5 ± 12.0	34
	35 - 42	0.0 ± 0.0	32	121.5 ± 1.0	37	365.5 ± 2.7	33	770.4 ± 7.4	34
	42 - 49	0.0 ± 0.0	32	101.6 ± 0.9	37	306.4 ± 3.1	33	658.3 ± 6.2	34
	49 - 56	0.0 ± 0.0	32	88.3 ± 0.8	37	266.6 ± 1.9	33	564.6 ± 6.4	34
	56 - 63	0.0 ± 0.0	30	78.2 ± 0.9	35	240.0 ± 2.1	31	496.4 ± 5.3	32
	63 - 70	0.0 ± 0.0	29	70.9 ± 1.0	35	217.5 ± 2.5	30	433.1 ± 6.6	32
	70 - 77	0.0 ± 0.0	30	66.6 ± 0.9	35	204.9 ± 2.7	31	399.8 ± 5.9	32
	77 - 84	0.0 ± 0.0	30	64.0 ± 0.8	35	194.0 ± 4.9	31	378.4 ± 4.8	32
	84 - 91	0.0 ± 0.0	30	60.6 ± 1.0	35	184.1 ± 2.5	31	356.2 ± 5.6	32
	28 - 91	0.0 ± 0.0	30	79.9 ± 0.7	35	242.3 ± 2.3	31	491.4 ± 5.3	32

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**F1 Females: All F1 Females**

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Postnatal	28 - 35	0.0 ± 0.0	37	129.4 ± 1.0	41	403.7 ± 4.3	38	809.3 ± 6.6	38
	35 - 42	0.0 ± 0.0	34	119.6 ± 1.8	39	366.9 ± 5.0	36	751.5 ± 9.8	35
	42 - 49	0.0 ± 0.0	34	105.9 ± 1.6	39	319.5 ± 5.9	34	651.2 ± 15.1	34
	49 - 56	0.0 ± 0.0	34	91.6 ± 1.6	39	283.1 ± 3.8	34	564.5 ± 9.9	34
	56 - 63	0.0 ± 0.0	31	85.8 ± 1.7	36	258.7 ± 3.2	31	522.9 ± 7.7	30
	63 - 70	0.0 ± 0.0	31	79.1 ± 1.7	36	236.5 ± 3.5	31	458.5 ± 7.0	31
	70 - 77	0.0 ± 0.0	31	73.3 ± 1.0	36	224.9 ± 3.1	31	432.3 ± 6.5	31
	77 - 84	0.0 ± 0.0	31	69.4 ± 0.9	36	207.5 ± 3.3	31	423.2 ± 9.2	31
	84 - 91	0.0 ± 0.0	31	67.8 ± 1.3	36	199.2 ± 3.7	31	411.6 ± 6.9	31
	28 - 91	0.0 ± 0.0	31	87.0 ± 0.9	36	262.6 ± 2.7	31	528.1 ± 7.0	31

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**F1 Males: Subchronic Male**

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Postnatal	91 - 98	0.0 ± 0.0	4	58.7 ± 1.5	4	171.3 ± 5.4	5	324.7 ± 11.1	4
	98 - 105	0.0 ± 0.0	4	55.4 ± 1.2	4	163.7 ± 5.8	5	297.5 ± 6.4	4

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**F1 Females: Subchronic Female**

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Postnatal	91 - 98	0.0 ± 0.0	5	65.0 ± 2.8	4	186.8 ± 5.8	5	357.2 ± 10.6	4
	98 - 105	0.0 ± 0.0	5	60.4 ± 3.4	4	190.9 ± 5.0	5	368.5 ± 11.0	4

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**F1 Females: Prenatal Female**

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Gestation	0 - 3	0.0 ± 0.0	19	80.3 ± 2.3	18	233.0 ± 5.1	12	436.8 ± 6.9	16
	3 - 6	0.0 ± 0.0	18	77.3 ± 1.3	18	230.1 ± 4.4	12	450.4 ± 6.4	16
	6 - 9	0.0 ± 0.0	19	79.2 ± 2.2	17	234.6 ± 5.3	12	447.4 ± 7.9	16
	9 - 12	0.0 ± 0.0	19	74.9 ± 1.7	18	216.0 ± 4.3	12	425.6 ± 6.6	16
	12 - 15	0.0 ± 0.0	19	74.4 ± 2.1	18	218.3 ± 5.9	12	442.1 ± 8.4	16
	15 - 18	0.0 ± 0.0	19	71.8 ± 1.1	18	221.9 ± 3.0	12	437.5 ± 6.9	16
	18 - 21	0.0 ± 0.0	19	67.6 ± 1.5	18	200.8 ± 8.3	12	395.3 ± 9.0	16
	0 - 21	0.0 ± 0.0	19	74.4 ± 1.3	18	220.0 ± 3.9	12	430.3 ± 5.4	16

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F1 Males: Fertility Males

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Postnatal	119 - 126	0.0 ± 0.0	31 (19)	57.2 ± 1.5	45 (24)	180.6 ± 3.8	35 (19)	352.0 ± 5.3	37 (22)
	126 - 133	0.0 ± 0.0	36 (21)	58.5 ± 1.4	45 (24)	178.2 ± 5.1	35 (19)	340.9 ± 5.0	37 (22)
	133 - 140	0.0 ± 0.0	36 (21)	57.5 ± 1.3	45 (24)	176.8 ± 4.3	35 (19)	342.4 ± 6.5	37 (22)
	140 - 147	0.0 ± 0.0	36 (21)	55.2 ± 1.0	46 (24)	168.8 ± 3.9	34 (19)	328.1 ± 5.7	37 (22)
	147 - 154	0.0 ± 0.0	36 (21)	54.5 ± 0.9	46 (24)	169.1 ± 3.5	35 (19)	332.2 ± 5.7	37 (22)
	154 - 161	0.0 ± 0.0	33 (21)	52.5 ± 1.0	37 (23)	162.0 ± 3.1	31 (18)	319.3 ± 5.3	32 (21)
	119 - 161	0.0 ± 0.0	36 (21)	56.1 ± 1.0	45 (24)	172.9 ± 3.9	35 (19)	334.3 ± 5.5	35 (21)



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F1 Females: Fertility Females

Phase	Days	Treatment Groups (ppm)							
		0		1000		3000		6000	
		Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N	Dose/Day (mg/kg/animal/day)	N
Gestation	0 - 3	0.0 ± 0.0	24 (16)	76.1 ± 1.8	32 (21)	235.2 ± 4.3	27 (19)	464.4 ± 6.1	26 (18)
	3 - 6	0.0 ± 0.0	24 (16)	76.0 ± 1.3	33 (22)	236.4 ± 2.5	27 (19)	453.2 ± 6.3	26 (18)
	6 - 9	0.0 ± 0.0	24 (16)	77.7 ± 1.6	33 (22)	231.1 ± 3.5	27 (19)	453.8 ± 8.0	26 (18)
	9 - 12	0.0 ± 0.0	24 (16)	72.3 ± 1.2	33 (22)	221.1 ± 3.0	27 (19)	432.1 ± 6.3	26 (18)
	12 - 15	0.0 ± 0.0	24 (16)	72.0 ± 1.2	33 (22)	216.2 ± 3.3	27 (19)	428.7 ± 8.8	26 (18)
	15 - 18	0.0 ± 0.0	24 (16)	72.5 ± 1.3	33 (22)	215.2 ± 3.4	27 (19)	434.3 ± 5.0	26 (18)
	18 - 21	0.0 ± 0.0	24 (16)	68.5 ± 1.8	33 (22)	204.1 ± 4.0	27 (19)	404.5 ± 11.7	26 (18)
	0 - 21	0.0 ± 0.0	24 (16)	73.2 ± 1.2	33 (22)	220.5 ± 2.5	27 (19)	435.1 ± 5.7	26 (18)
Lactation	1 - 4	0.0 ± 0.0	26 (18)	113.9 ± 5.7	33 (22)	354.3 ± 21.7	24 (18)	646.6 ± 22.8	25 (18)
	4 - 7	0.0 ± 0.0	26 (18)	126.4 ± 4.4	32 (22)	365.8 ± 16.8	23 (18)	757.0 ± 26.9	25 (18)
	7 - 10	0.0 ± 0.0	26 (18)	149.2 ± 4.7	32 (22)	466.2 ± 20.2	20 (15)	933.1 ± 39.7	24 (18)
	10 - 13	0.0 ± 0.0	26 (18)	170.0 ± 6.0	32 (22)	501.9 ± 23.2	21 (16)	1051.6 ± 48.9	23 (17)
	1 - 13	0.0 ± 0.0	26 (18)	138.5 ± 3.9	33 (22)	417.5 ± 19.2	24 (18)	842.4 ± 32.8	25 (18)

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#### LEGEND

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Reported as the mean SEM. N is the number of animals, number of litters (F1 Fertility Males and Females), or number of cages for group housed adult animals (All F1 Males and Females, Subchronic F1 Males and Females).

Chemical intake values were excluded when excessive spillage was recorded.

Statistical analysis was not performed on this data.

Consumption is not reported/analyzed for animals during the mating period, non-pregnant animals during gestation and lactation, or for lactation periods after LD 14 due to the possible consumption of feed by the pups.

"All" in the cohort/selection name includes all F1 animals of that sex, irrespective of cohort/selection.

All F1 Females include all animals until mating except those removed for Biosamples (PND 56) and on day of vaginal opening (pnd 34-44) for Mammary Gland Whole Mounts.

All F1 Males includes all animals until PND 105 except those removed for Biosamples (PND 56). From PND 112-154 only the F1 Fertility Cohort is included. PND 161 represents the unsacrificed F1 Fertility Cohort. The F1 Subchronic Cohort was sacrificed on PND 110-112. The F1 Prenatal Cohort was sacrificed on PND 112-114.

One value each from the 6000 ppm group was removed as an outlier for the F0 Females data as follows: GD 6 to 9, GD 9 to 12, GD 12 to 15, GD 6 to 21, LD 7 to 10 and LD 1 to 13.

One value from the 6000 ppm group was removed as an outlier for the All F1 Females data as follows: PND 56 to 63.

**\*\* END OF REPORT \*\***