

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

R20: Pup Necropsy (Gross Observations for Unweaned Pups) Summary

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

MOG003B

Both

See web page for date of PWG Approval

Date Report Requested: 01/14/2020

Time Report Requested: 12:49:29

Lab: RTI

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	F1 Pups			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Pups	246	317	230	249
Litters	22	24	19	22
Scheduled Sacrifice				
Mammary Gland Whole Mount	15 (9)	20 (13)	18 (11)	20 (12)
Mammary Gland Whole Mount and Biosamples	3 (3)		2 (2)	
Pup Culled	38 (13)	72 (22)	33 (15)	40 (14)
Removed for Biosamples	17 (12)	20 (11)	18 (10)	20 (13)
Scheduled Removal (Terminal)	141 (21)	193 (24)	146 (19)	155 (22)
Scheduled Removal - Sentinel	10 (10)			
Early Deaths				
Cannibalized		1 (1)		
Euthanized Humane		1 (1)	2 (2)	
Euthanized Moribund	3 (2)	1 (1)		1 (1)
Found Dead	17 (7)	8 (8)	10 (7)	8 (7)
Pup Missing - Presumed Dead	2 (2)	1 (1)	1 (1)	5 (4)
No. pups examined				
	20	11	10	8
No. Litters				
	8	8	7	7
Normal				
	6 (5)	5 (5)	7 (7)	7 (6)
ALIMENTARY SYSTEM				
Abdomen				
Stomach, Milk/food absent	3 (15.0)	2 (18.2)	0 (0.0)	0 (0.0)
	2 (25.0)	2 (25.0)	0 (0.0)	0 (0.0)

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	F1 Pups			
	Treatment Groups (ppm)			
	0	1000	3000	6000
CARDIOVASCULAR SYSTEM				
No findings				
ENDOCRINE SYSTEM				
No findings				
GENERAL BODY SYSTEM				
General				
Abdomen, entire, Autolyzed, unable to evaluate	8 (40.0)	2 (18.2)	2 (20.0)	1 (12.5)
	3 (37.5)	2 (25.0)	2 (28.6)	1 (14.3)
General, Autolyzed, unable to evaluate	1 (5.0)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)
General, Cannibalized, unable to evaluate	0 (0.0)	1 (9.1)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (12.5)	0 (0.0)	0 (0.0)
GENITAL SYSTEM				
No findings				
HEMATOLYMPHOID SYSTEM				
No findings				
INTEGUMENTARY SYSTEM				
No findings				
MUSCULOSKELETAL SYSTEM				
Limbs				
Limb, right hind, Micromelia	0 (0.0)	1 (9.1)	0 (0.0)	0 (0.0)
	0 (0.0)	1 (12.5)	0 (0.0)	0 (0.0)
NERVOUS SYSTEM				
No findings				
RESPIRATORY SYSTEM				
No findings				

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F1 Pups

Treatment Groups (ppm)

0

1000

3000

6000

SPECIAL SENSES SYSTEM

No findings

URINARY SYSTEM

Pelvis

Ureter, bilateral, Distended

1 (5.0)

0 (0.0)

0 (0.0)

0 (0.0)

1 (12.5)

0 (0.0)

0 (0.0)

0 (0.0)

Ureter, left, Distended

1 (5.0)

0 (0.0)

1 (10.0)

0 (0.0)

1 (12.5)

0 (0.0)

1 (14.3)

0 (0.0)

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F2 Pups Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Pups	396	464	382	363
Litters	26	34	24	26
Scheduled Sacrifice				
Pup Culled	105 (21)	112 (25)	103 (21)	85 (21)
Scheduled Removal (Terminal)	204 (26)	260 (32)	171 (21)	198 (23)
Early Deaths				
Cannibalized	2 (2)	6 (3)	2 (2)	5 (5)
Euthanized Humane		1 (1)		
Euthanized Moribund	6 (3)	11 (4)	27 (8)	22 (6)
Found Dead	63 (22)	56 (24)	53 (16)	47 (19)
Pup Missing - Presumed Dead	16 (8)	18 (11)	26 (13)	6 (6)
No. pups examined				
	71	74	82	74
No. Litters				
	22	25	19	23
Normal				
	28 (15)	22 (11)	19 (10)	22 (13)
ALIMENTARY SYSTEM				
Abdomen				
Intestine, Distended with gas	4 (5.6)	5 (6.8)	16 (19.5)	5 (6.8)
	2 (9.1)	4 (16.0)	5 (26.3)	2 (8.7)
Stomach, Distended with gas	0 (0.0)	0 (0.0)	3 (3.7)	2 (2.7)
	0 (0.0)	0 (0.0)	1 (5.3)	2 (8.7)

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F2 Pups Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
Stomach, Milk/food absent	9 (12.7)	14 (18.9)	16 (19.5)	18 (24.3)
	4 (18.2)	8 (32.0)	8 (42.1)	6 (26.1)
CARDIOVASCULAR SYSTEM				
Heart				
Auricular flap, bilateral, Enlarged	0 (0.0)	0 (0.0)	1 (1.2)	0 (0.0)
	0 (0.0)	0 (0.0)	1 (5.3)	0 (0.0)
Thorax (excluding heart)				
Aorta, Enlarged	0 (0.0)	0 (0.0)	1 (1.2)	0 (0.0)
	0 (0.0)	0 (0.0)	1 (5.3)	0 (0.0)
ENDOCRINE SYSTEM				
No findings				
GENERAL BODY SYSTEM				
General				
Abdomen, entire, Autolyzed, unable to evaluate	19 (26.8)	9 (12.2)	12 (14.6)	10 (13.5)
	12 (54.5)	7 (28.0)	8 (42.1)	7 (30.4)
General, Autolyzed, unable to evaluate	9 (12.7)	21 (28.4)	21 (25.6)	12 (16.2)
	4 (18.2)	12 (48.0)	10 (52.6)	6 (26.1)
General, Cannibalized, unable to evaluate	4 (5.6)	6 (8.1)	2 (2.4)	5 (6.8)
	4 (18.2)	3 (12.0)	2 (10.5)	5 (21.7)
GENITAL SYSTEM				
No findings				
HEMATOLYMPHOID SYSTEM				
Abdomen				
Spleen, Pale	1 (1.4)	0 (0.0)	1 (1.2)	1 (1.4)
	1 (4.5)	0 (0.0)	1 (5.3)	1 (4.3)

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F2 Pups Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
INTEGUMENTARY SYSTEM				
No findings				
MUSCULOSKELETAL SYSTEM				
Limbs				
Limb, left hind, Fracture	1 (1.4)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (4.5)	0 (0.0)	0 (0.0)	0 (0.0)
NERVOUS SYSTEM				
No findings				
RESPIRATORY SYSTEM				
No findings				
SPECIAL SENSES SYSTEM				
No findings				
URINARY SYSTEM				
Abdomen				
Kidney, left, Mottled	0 (0.0)	0 (0.0)	1 (1.2)	0 (0.0)
	0 (0.0)	0 (0.0)	1 (5.3)	0 (0.0)
Pelvis				
Ureter, bilateral, Distended	0 (0.0)	0 (0.0)	0 (0.0)	2 (2.7)
	0 (0.0)	0 (0.0)	0 (0.0)	1 (4.3)
Ureter, left, Distended	1 (1.4)	1 (1.4)	1 (1.2)	1 (1.4)
	1 (4.5)	1 (4.0)	1 (5.3)	1 (4.3)
Urinary bladder, Fluid filled, red	1 (1.4)	0 (0.0)	0 (0.0)	0 (0.0)
	1 (4.5)	0 (0.0)	0 (0.0)	0 (0.0)

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LEGEND

Disposition Summary is Number of pups (litters represented)

Upper row denotes number of affected pups (%) and lower row the number of affected litters (%)

**** END OF REPORT ****