

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

PA10R: Statistical Analysis of Non-Neoplastic Lesions with Litter Incidence

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: 10:32:51

Lab: RTI

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	F0 Female			
	Treatment Groups (ppm)			
	0	1000	3000	6000
<hr/>				
Disposition Summary				
Animals Initially In Study	26	26	26	26
Early Deaths				
Unscheduled Sacrifice	1			1
Scheduled Deaths				
Scheduled sacrifice, terminal (LD 28, SD 24 - 27)	25	26	26	25
Number of Animals Examined	3		1	1
<hr/>				
ALIMENTARY SYSTEM				
LIVER	(3)	(0)	(0)	(0)
HEPATODIAPHRAGMATIC NODULE	1 (33.3%)			
<hr/>				
CARDIOVASCULAR SYSTEM				
None				
<hr/>				
ENDOCRINE SYSTEM				
None				
<hr/>				
GENERAL BODY SYSTEM				
None				
<hr/>				
GENITAL SYSTEM				
None				
<hr/>				
HEMATOLYMPHOID SYSTEM				
None				
<hr/>				
INTEGUMENTARY SYSTEM				
None				

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F1 Male : Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 110 - 112)	10	10	10	10
Number of Animals Examined	10	1	2	10
Total number litters	10	1	2	10
ALIMENTARY SYSTEM				
INTESTINE, ILEUM	(10)	(0)	(0)	(10)
PEYERS PATCH; HYPERPLASIA; LYMPHOCYTE				1 (10%) [1]
LIVER	(10)	(0)	(1)	(10)
HEPATODIAPHRAGMATIC NODULE	1 (10%) [1]			
INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (10%) [1]			1 (10%) [1]
INFLAMMATION; FOCAL				1 (10%) [1]
HEPATOCTE; CENTRILOBULAR; NECROSIS			1 (100%) [1]	
STOMACH, FORESTOMACH	(10)	(0)	(0)	(10)
EPITHELIUM; HYPERPLASIA; DIFFUSE	1 (10%) [1]			
MUSCULARIS; MINERAL	1 (10%) [1]			
STOMACH, GLANDULAR	(10)	(0)	(0)	(10)
GLANDS; DILATION	2 (20%) [2]			2 (20%) [2]
CARDIOVASCULAR SYSTEM				
HEART	(10)	(0)	(0)	(10)
CARDIOMYOPATHY	4 (40%) [4]			1 (10%) [1]
EPICARDIUM; INFLAMMATION, CHRONIC	1 (10%) [1]			2 (20%) [2]

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F1 Male : Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(10)	(0)	(0)	(10)
UNILATERAL; HYPERPLASIA	1 (10%) [1]			
THYROID GLANDS	(10)	(0)	(0)	(10)
UNILATERAL; CYST	1 (10%) [1]			
BILATERAL; ECTOPIC TISSUE, THYMUS	1 (10%) [1]			
ECTOPIC TISSUE, THYMUS				2 (20%) [2]
GENERAL BODY SYSTEM				
None				

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F1 Male : Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
GENITAL SYSTEM				
EPIDIDYMIDES	(10)	(1)	(0)	(10)
DUCT; UNILATERAL; EXFOLIATED GERM CELL		1 (100%) [1]		
UNILATERAL; HYOSPERMIA		1 (100%) [1]		
BILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	2 (20%) [2]			1 (10%) [1]
UNILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	4 (40%) [4]			1 (10%) [1]
EPITHELIUM; BILATERAL; VACUOLATION	2 (20%) [2]			2 (20%) [2]
PREPUTIAL GLANDS	(10)	(0)	(0)	(10)
DUCT; BILATERAL; DILATION				1 (10%) [1]
DUCT; UNILATERAL; DILATION	1 (10%) [1]			2 (20%) [2]
UNILATERAL; INFLAMMATION, CHRONIC	2 (20%) [2]			1 (10%) [1]
BILATERAL; INFLAMMATION, SUPPURATIVE				1 (10%) [1]
UNILATERAL; INFLAMMATION, SUPPURATIVE	1 (10%) [1]			
TESTES	(10)	(1)	(0)	(10)
GERMINAL EPITHELIUM; UNILATERAL; ATROPHY	1 (10%) [1]	1 (100%) [1]		1 (10%) [1]
INTERSTITIUM; UNILATERAL; EDEMA		1 (100%) [1]		
VENTRAL PROSTATE	(10)	(0)	(0)	(10)
BILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (10%) [1]			2 (20%) [2]
UNILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	2 (20%) [2]			1 (10%) [1]
BILATERAL; INFLAMMATION, CHRONIC	3 (30%) [3]			4 (40%) [4]
HEMATOLYMPHOID SYSTEM				
THYMUS	(10)	(0)	(0)	(10)
EPITHELIUM; HYPERPLASIA	1 (10%) [1]			1 (10%) [1]
INTEGUMENTARY SYSTEM				
None				

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F1 Male : Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
LUNG	(10)	(0)	(0)	(10)
BRONCHIOLE; HYPERPLASIA; NEUROENDOCRINE	1 (10%) [1]			
ALVEOLUS; INFILTRATION CELLULAR, HISTIOCYTE	1 (10%) [1]			1 (10%) [1]
INFLAMMATION, ACUTE				1 (10%) [1]
PLEURA; INFLAMMATION, CHRONIC				1 (10%) [1]
SUBPLEURAL; INFLAMMATION, CHRONIC				1 (10%) [1]
NOSE	(0)	(0)	(0)	(1)
TURBINATE; FOREIGN BODY				1 (100%) [1]
TRACHEA	(10)	(0)	(0)	(10)
GLANDS; DILATION	1 (10%) [1]			1 (10%) [1]
INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (10%) [1]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
KIDNEYS	(10)	(0)	(1)	(10)
CHRONIC PROGRESSIVE NEPHROPATHY	9 (90%) [9]		1 (100%) [1]	10 (100%) [10]
PELVIS; DILATION	2 (20%) [2]		1 (100%) [1]	

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F1 Female : Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	10	10	10	10
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 111 - 113)	10	10	10	10
Number of Animals Examined	10	3	3	10
Total number litters	10	3	3	10
ALIMENTARY SYSTEM				
LIVER	(10)	(0)	(1)	(10)
HEPATODIAPHRAGMATIC NODULE			1 (100%) [1]	
BILE DUCT; HYPERPLASIA				1 (10%) [1]
INFILTRATION CELLULAR; MONONUCLEAR CELL	2 (20%) [2]			2 (20%) [2]
INFLAMMATION; FOCAL	1 (10%) [1]			1 (10%) [1]
INFLAMMATION, CHRONIC				1 (10%) [1]
SALIVARY GLANDS	(10)	(1)	(0)	(10)
SUBLINGUAL GLAND; UNILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (10%) [1]			
STOMACH, GLANDULAR	(10)	(0)	(0)	(10)
GLANDS; CYST				1 (10%) [1]
GLANDS; DILATION	2 (20%) [2]			1 (10%) [1]
EROSION				1 (10%) [1]
CARDIOVASCULAR SYSTEM				
HEART	(10)	(0)	(0)	(10)
EPICARDIUM; INFLAMMATION, CHRONIC	1 (10%) [1]			

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F1 Female : Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
ENDOCRINE SYSTEM				
PITUITARY GLAND	(10)	(0)	(0)	(10)
PARS DISTALIS; CYST				1 (10%) [1]
PARS NERVOSA; DEVELOPMENTAL MALFORMATION				1 (10%) [1]
THYROID GLANDS	(10)	(0)	(0)	(10)
UNILATERAL; CYST				1 (10%) [1]
ECTOPIC TISSUE, THYMUS	1 (10%) [1]			1 (10%) [1]
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
CLITORAL GLANDS	(10)	(2)	(2)	(10)
DUCT; BILATERAL; DILATION		1 (50%) [1]	1 (50%) [1]	1 (10%) [1]
DUCT; UNILATERAL; DILATION		1 (50%) [1]	1 (50%) [1]	1 (10%) [1]
UNILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL				1 (10%) [1]
BILATERAL; INFLAMMATION, CHRONIC	3 (30%) [3]			
UNILATERAL; INFLAMMATION, CHRONIC				1 (10%) [1]
OVARIES	(10)	(0)	(0)	(10)
FOLLICLE; UNILATERAL; CYST	2 (20%) [2]			1 (10%) [1]
UTERUS	(10)	(0)	(0)	(10)
ENDOMETRIUM; CYST	1 (10%) [1]			
HEMATOLYMPHOID SYSTEM				
SPLEEN	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
None				

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F1 Female : Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
LUNG	(10)	(0)	(0)	(10)
ALVEOLUS; INFILTRATION CELLULAR, HISTIOCYTE	4 (40%) [4]			0 *
METAPLASIA; OSSEOUS	1 (10%) [1]			
NOSE	(1)	(0)	(0)	(0)
RESPIRATORY EPITHELIUM; CYST	1 (100%) [1]			
TRACHEA	(10)	(0)	(0)	(10)
GLANDS; DILATION				2 (20%) [2]
INFILTRATION CELLULAR; MONONUCLEAR CELL				2 (20%) [2]
SPECIAL SENSES SYSTEM				
ZYMBALS GLANDS	(10)	(0)	(0)	(9)
DUCT; DILATION	1 (10%) [1]			
URINARY SYSTEM				
KIDNEYS	(10)	(0)	(0)	(10)
CHRONIC PROGRESSIVE NEPHROPATHY	8 (80%) [8]			8 (80%) [8]
CORTICOMEDULLARY JUNCTION; MINERAL	9 (90%) [9]			9 (90%) [9]
NEPHROBLASTEMATOSIS				1 (10%) [1]

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F1 Male : Prenatal Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	21	23	20	22
Early Deaths				
Unscheduled Sacrifice			1	
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 112 - 114)	21	23	19	22
Number of Animals Examined	5	3	2	2
Total number litters	5	3	2	2

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	(2)	(2)	(0)	(0)
INFLAMMATION, CHRONIC		2 (100%) [2]		

HEMATOLYMPHOID SYSTEM

None

INTEGUMENTARY SYSTEM

None

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F1 Female : Prenatal Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	21	23	19	22
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (GD 21, PND 109 - 132)	21	23	19	22
Number of Animals Examined	3		1	1
Total number litters	3		1	1
ALIMENTARY SYSTEM				
LIVER	(3)	(0)	(1)	(0)
HEPATODIAPHRAGMATIC NODULE	1 (33.3%) [1]		1 (100%) [1]	
HEPATOCTE; NECROSIS; SUBCAPSULAR	1 (33.3%) [1]			
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				

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F1 Female : Prenatal Female

Treatment Groups (ppm)

0

1000

3000

6000

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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F1 Male : Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	36	46	35	37
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 160 - 167)	36	46	35	37
Number of Animals Examined	36	46	35	37
Total number litters	21	24	19	22
ALIMENTARY SYSTEM				
ESOPHAGUS	(3)	(0)	(0)	(0)
DILATION	1 (33.3%) [1]			
INTESTINE, COLON	(3)	(0)	(0)	(0)
DIVERTICULUM	1 (33.3%) [1]			
LIVER	(3)	(2)	(1)	(1)
HEPATODIAPHRAGMATIC NODULE	1 (33.3%) [1]	2 (100%) [2]	1 (100%) [1]	1 (100%) [1]
INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (33.3%) [1]			
CARDIOVASCULAR SYSTEM				
None				

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F1 Male : Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(36)	(0)	(0)	(37)
UNILATERAL; ANGIECTASIS	1 (2.8%) [1]			
UNILATERAL; HYPERPLASIA, FOCAL				1 (2.7%) [1]
BILATERAL; HYPERTROPHY; FOCAL	1 (2.8%) [1]			
BILATERAL; VACUOLIZATION CYTOPLASMIC, DIFFUSE	8 (22.2%) [6]			3 (8.1%) [3]
ADRENAL MEDULLA	(36)	(0)	(0)	(37)
UNILATERAL; ANGIECTASIS	1 (2.8%) [1]			
PITUITARY GLAND	(36)	(0)	(0)	(37)
PARS DISTALIS; CYST				3 (8.1%) [3]
THYROID GLANDS	(36)	(0)	(0)	(37)
FOLLICLE; DYSPLASIA	1 (2.8%) [1]			
ECTOPIC TISSUE, THYMUS				1 (2.7%) [1]
C-CELL; HYPERPLASIA	1 (2.8%) [1]			
GENERAL BODY SYSTEM				
None				

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F1 Male : Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
GENITAL SYSTEM				
COWPERS GLANDS	(36)	(2)	(0)	(37)
DEPLETION; SECRETORY	1 (2.8%) [1]			
DORSAL PROSTATE	(36)	(46)	(35)	(37)
UNILATERAL; INFLAMMATION, SUPPURATIVE		1 (2.2%) [1]	1 (2.9%) [1]	1 (2.7%) [1]
EPIDIDYMIDES	(36)	(46)	(35)	(37)
DUCT; EXFOLIATED GERM CELL	3 (8.3%) [3]	1 (2.2%) [1]	1 (2.9%) [1]	1 (2.7%) [1]
GRANULOMA SPERM				1 (2.7%) [1]
HYOSPERMIA		1 (2.2%) [1]		2 (5.4%) [2]
INFILTRATION CELLULAR; MONONUCLEAR CELL	4 (11.1%) [4]		1 (2.9%) [1]	6 (16.2%) [5]
PREPUTIAL GLANDS	(36)	(6)	(2)	(37)
DUCT; BILATERAL; DILATION	10 (27.8%) [8]	4 (66.7%) [2]	1 (50%) [1]	10 (27%) [9]
DUCT; UNILATERAL; DILATION	6 (16.7%) [6]	2 (33.3%) [2]	1 (50%) [1]	7 (18.9%) [6]
BILATERAL; INFLAMMATION, CHRONIC	5 (13.9%) [5]			3 (8.1%) [2]
UNILATERAL; INFLAMMATION, CHRONIC	2 (5.6%) [2]	2 (33.3%) [2]		2 (5.4%) [2]
BILATERAL; INFLAMMATION, SUPPURATIVE	2 (5.6%) [2]	1 (16.7%) [1]		2 (5.4%) [2]
UNILATERAL; INFLAMMATION, SUPPURATIVE	3 (8.3%) [3]	1 (16.7%) [1]		3 (8.1%) [3]
TESTES	(36)	(46)	(35)	(37)
GERMINAL EPITHELIUM; ATROPHY		1 (2.2%) [1]		2 (5.4%) [2]
GERM CELL; DEGENERATION	5 (13.9%) [5]	1 (2.2%) [1]	4 (11.4%) [3]	
GRANULOMA SPERM				1 (2.7%) [1]
VENTRAL PROSTATE	(36)	(46)	(35)	(37)
ACINUS; UNILATERAL; ATROPHY				1 (2.7%) [1]
BILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	2 (5.6%) [2]		2 (5.7%) [2]	
UNILATERAL; INFILTRATION CELLULAR; MONONUCLEAR CELL	1 (2.8%) [1]	3 (6.5%) [3]	2 (5.7%) [2]	3 (8.1%) [3]
BILATERAL; INFLAMMATION, CHRONIC	4 (11.1%) [3]	8 (17.4%) [8]	2 (5.7%) [2]	9 (24.3%) [7]
UNILATERAL; INFLAMMATION, CHRONIC	1 (2.8%) [1]	2 (4.3%) [2]	1 (2.9%) [1]	2 (5.4%) [2]

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F1 Male : Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
SKIN	(0)	(1)	(0)	(0)
ULCER		1 (100%) [1]		
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
LUNG	(3)	(0)	(0)	(0)
INFLAMMATION, GRANULOMATOUS	1 (33.3%) [1]			
SMOOTH MUSCLE; ARTERY; PROLIFERATION	1 (33.3%) [1]			
SPECIAL SENSES SYSTEM				
None				
URINARY SYSTEM				
KIDNEYS	(3)	(1)	(2)	(0)
CHRONIC PROGRESSIVE NEPHROPATHY	2 (66.7%) [2]	1 (100%) [1]	2 (100%) [2]	
PELVIS; DILATION	1 (33.3%) [1]	1 (100%) [1]	2 (100%) [2]	

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 Lab: RTI

F1 Female : Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	36	46	35	38
Early Deaths				
Euthanized, moribund				1
Unscheduled Sacrifice			1	
Scheduled Deaths				
Scheduled sacrifice, terminal (GD 44 - 49, LD 14 - 28, PND 151 - 154)	36	46	34	37
Number of Animals Examined	32	5	2	25
Total number litters	19	5	2	19
ALIMENTARY SYSTEM				
LIVER	(4)	(0)	(0)	(1)
HEPATODIAPHRAGMATIC NODULE	2 (50%) [2]			
OVAL CELL; PERIPORTAL; HYPERPLASIA				1 (100%) [1]
HEPATOCYTE; PERIPORTAL; HYPERTROPHY				1 (100%) [1]
CARDIOVASCULAR SYSTEM				
HEART	(2)	(0)	(1)	(0)
CARDIOMYOPATHY			1 (100%) [1]	
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(26)	(0)	(0)	(23)
UNILATERAL; HYPERTROPHY; FOCAL	1 (3.8%) [1]			
PITUITARY GLAND	(26)	(0)	(0)	(23)
PARS DISTALIS; CYST				1 (4.3%) [1]
THYROID GLANDS	(26)	(0)	(0)	(23)
ECTOPIC TISSUE, THYMUS	1 (3.8%) [1]			

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

PA10R: Statistical Analysis of Non-Neoplastic Lesions with Litter Incidence
 Test Compound: 2-Ethylhexyl p-Methoxycinnamate
 CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
 Time Report Requested: 10:32:51
 Lab: RTI

F1 Female : Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
CLITORAL GLANDS	(2)	(1)	(1)	(0)
DUCT; UNILATERAL; DILATION		1 (100%) [1]	1 (100%) [1]	
UNILATERAL; INFLAMMATION, SUPPURATIVE		1 (100%) [1]		
OVARIES	(26)	(0)	(0)	(23)
PARAOVARIAN; UNILATERAL; CYST	1 (3.8%) [1]			
UTERUS	(26)	(3)	(0)	(23)
ENDOMETRIUM; CYST	3 (11.5%) [3]			
CYST		2 (66.7%) [2]		1 (4.3%) [1]
DECIDUAL REACTION				1 (4.3%) [1]
MINERAL	1 (3.8%) [1]			3 (13%) [3]
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
MAMMARY GLANDS	(2)	(1)	(0)	(0)
SKIN	(2)	(0)	(0)	(1)
PUSTULE				1 (100%) [1]
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
None				

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	F2 Male			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	94	135	86	96
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 28)	94	135	86	96
Number of Animals Examined	8	3	2	6
Total number litters	5	3	2	5
ALIMENTARY SYSTEM				
LIVER	(2)	(2)	(0)	(3)
HEPATODIAPHRAGMATIC NODULE		2 (100%) [2]		3 (100%) [2]
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
TESTES	(4)	(1)	(2)	(1)
IMMATURE				1 (100%) [1]
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
SKIN	(0)	(0)	(0)	(1)
SUBCUTANEOUS TISSUE; INFLAMMATION; SUPPURATIVE				1 (100%) [1]

Study Number: MOG003B
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F2 Male

Treatment Groups (ppm)

0

1000

3000

6000

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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

PA10R: Statistical Analysis of Non-Neoplastic Lesions with Litter Incidence
 Test Compound: 2-Ethylhexyl p-Methoxycinnamate
 CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
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	F2 Female			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	110	125	85	102
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 28)	110	125	85	102
Number of Animals Examined	2		1	1
Total number litters	1		1	1
ALIMENTARY SYSTEM				
LIVER	(2)	(0)	(1)	(1)
HEPATODIAPHRAGMATIC NODULE	2 (100%) [1]		1 (100%) [1]	1 (100%) [1]
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
None				
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOLYMPHOID SYSTEM				
None				
INTEGUMENTARY SYSTEM				
None				

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

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F2 Female

Treatment Groups (ppm)

0

1000

3000

6000

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

Study Number: MOG003B
Test Type: MOG
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LEGEND

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number of animals with observation reported with percent incidence in parentheses

Number of litters with observations shown in square brackets for F1 and F2 animals. F1 litter incidence based on the number of F0 dams; F2 litter incidence based on number of F1 dams.

Trend significance is reported only for those organs that were fully examined in the control group plus two or more other dose groups. For organs that were fully examined in just the control and one other dose group, only the pairwise significance is reported.

Statistical analysis of the F1 Subchronic cohort was performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

Statistical analysis for the F1 Fertility animals was performed by Cochran-Armitage test with a poly-3 adjustment for age and a Rao-Scott modification for the random effect due to litter.

All trend and pairwise p-values are reported as one-sided.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

Non-pregnant females from the F0 and F1 generations are included in the analysis.

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**** END OF REPORT ****